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FIRE PROOF

What and When to Plant



Our City Show Rooms, Ninth and Olive

SPRING and SUMMER

SEASON of NINETEEN-TWENTY

WE FEEL sure that this number of "What and When to Plant" will receive the same measure of cordial welcome with which one greets an old-time friend. The demand for it has been so persistent, as well as insistent, that to defer its issuance would on our part be both inexcusable and unappreciative. Every effort has been made to make it cover the ground thoroughly and concisely, and at the same time to insure for it the personal approval and interest of its fifty thousand recipients. ¶ It conveys accurate, dependable and instructive descriptions of a remarkable collection of ornamental horticultural products—a stock that should care for the fullest range of inquiry. ¶ We direct your

attention to many novelties of recent import, personally selected for their exceptional worth by the President of this Company while abroad during the past summer, and now offered in this territory for the first time. It will be our pleasure to aid you in every way possible in selecting from the following pages such stock and varieties as will be most suitable for your soil and location. It might be advisable to communicate your order as early as possible that delays in delivery may be minimized, as from all indications the coming season promises to be one of exceptional activity and that time, the essence of all value, may be conserved for in this garden spot of unparalleled fertility—

NOW IS THE TIME TO PLANT

Howard & Smith

NURSERYMEN, SEEDSMEN, FLORISTS
LANDSCAPE ARCHITECTS

Olive Street at Ninth

Los Angeles, California

For the Home and Garden

FOREWORD

There are but few things in life dearer to man or nearer the heart than "Home." The word itself is an embodiment of our highest aspirations and to possess one's own is the apex of the average man or woman's ambition. It may be ever so small; it may be simple to the point of crudity, but still it is "Home." To embellish the home with plants and flowers, thereby adding to its beauty and making it more livable, has been an inherent trait of the human race from time immemorial. In proportion as men garden finely, so in proportion do they perform a work which, by its appeal to the sense of the beautiful, diverts the mind from the grosser things of life, aids in the uplift of the race, and thereby places the art on the plane of economic necessity and not one which in any sense can be construed as a luxury.

During the past few years we have witnessed the most terrible war ever known to mankind. It was a war fought for the sacred principle of rendering inviolate our homes and individual liberty. It was won at terrific cost; millions of lives were lost; thousands of homes were destroyed and modern civilization was in itself rocked to its very foundation.

During these strenuous times few arts suffered more than ornamental horticulture. Regarded as a commercial line in our own country, it was placed by the exigencies of the situation in a non-essential class, and the many firms engaged in this pursuit suffered accordingly, but withal, so closely is ornamental horticulture knit with the very theme of our lives that even in crucial times such as these it did not become a lost art. In America, England, France and Belgium, ornamental horticulture in a modified form was still a patent fact, and no better example of the place it fills can be found than in France where, during four terrible years, the Annual International Competition of New Seedling Roses was held as usual in the Bagatelle Gardens, Bois de Boulogne Park, Paris.

The incident itself reveals a side of French character which is deserving of more than passing comment. It shows how deeply the race is imbued with a love of flowers and plants, and that even in such trying times they still found time to devote themselves to this work.



THE CHATEAU IN THE BAGATELLE GARDENS WITH THE BEDS DEVOTED TO RECENT ENTRIES IN THE COMPETITIVE INTERNATIONAL TRIALS.

The plants as here shown are in their first season of growth, having been planted only a few weeks. After a severe test of two years' trial one Rose will be picked from the lot as the winner.



A GENERAL VIEW OF THE PERGOLA IN THE BAGATELLE GARDENS, PARIS, FRANCE.
This pergola is of considerable length and is effectively planted with numbers of the finest climbing and pillar Roses.

Regarding these trials it is interesting to quote a dispatch from Paris to the New York Times:

AMERICAN ROSE WINS

The Californian takes first honors in Paris competition

Paris, June 18th.—To the Californian Rose has been awarded the gold medal, the grand prix of the French rose world. The annual rose competition took place Sunday as usual in the City of Paris rose gardens at Bagatelle, a little chateau in the Bois de Boulogne, which formerly belonged to Sir Richard Wallace, by whom it was bequeathed to the city he loved so well.

In spite of Gotha raids, bombardment by the Big Berthas, and the battle raging less than fifty miles away, the judging was witnessed by 35,000 persons. No better reply could be given to the fantastic statements of German papers, which assert that Paris has been deserted by its inhabitants in panic-stricken flight.

The Bagatelle rose competition is open to all growers of the allied countries, and the medal is awarded for the best new rose of the year. Sunday's winner, which was produced near Los Angeles, was developed from the Lyon rose and one bearing the name of a well-known actress of the Comedie Francaise, Mme. Segond Weber.

The above cablegram made public the fact that our entry in these competitive trials; i. e., the variety, "Los Angeles," was awarded the premier honor, the gold medal offered by the French government for the finest Rose of the year.

In connection with the international trials at Paris this year, the president of our firm was accorded the high honor by the French Government of being appointed a member of the jury to pass on the various Roses exhibited, and the State Department at Washington gracefully acknowledged the compliment to an American horticulturist by promptly issuing the required passports, though foreign travel was practically prohibited.

This appointment entailed a trip to Europe and offered not only an opportunity of seeing the latest development in Roses as exhibited in the trials at this international exhibition, but included also a comprehensive trip to the numerous horticultural sections in France, England, Ireland and Scotland, where not only splendid new sorts of Roses were secured, but many new choice strains of flowers, both annual and perennial.

Aside from anything which we have obtained from foreign sources we desire at the same time to call your attention to the magnificent novelties which we have secured from our own efforts in plant breeding.

Among these we offer for your consideration this season we would call your attention to **TWO MAGNIFICENT NEW ROSES** now offered our customers for the first time, the first being the variety "Miss Lolita Armour," one which we believe is not only a sensational color in Roses, but also one which has all the good qualities to be looked for in a Rose.

The color of the flowers is entirely distinct from any other variety in cultivation and may be briefly described as follows: Chrome yellow at the base shading to burnt orange and orange copper. The reflex of the petals is chrome yellow at the base shading to bright salmon with copper suffusion. The flower is very large, with buds similar in shape to those noted in the variety Caroline Testout. As the flower of this variety ages it turns to a delightful shade of shrimp pink and copper, with an open bloom of immense size.

The second variety, and one which is no less sensational in character than the preceding, is the variety "Mrs. S. K. Rindge." It is a magnificent deep rich yellow. The buds are very long and pointed, the outside of the petals being stained with Cadmium red, the interior of the bloom being full rich yellow, richer and deeper in color than the variety "Rayon d'Or." The expanding bloom reminds one of a delicate water lily, the petals being of extraordinary breadth. As the flowers of this variety age the petals become suffused with soft pink and create a rather curious effect, as on the same plant may be seen the buds with the deep rich yellow tones and the open flowers of a delicate pink suffusion; the effect of a plant in bloom being that of one which produces bi-color Roses. Although there are many yellow Roses in existence, there are none to exceed this particular variety in vigor, growth or beauty. It is remarkable for its splendid leathery and glossy green foliage.

OUR NEW DAHLIA "SNOWDRIFT"

THE PEER OF ALL WHITE CACTUS DAHLIAS

While speaking of various new flowers, we call your particular attention to this superb new Dahlia. It is a variety which will fill a long-felt want. Up to date there have been but comparatively few good, pure white Cactus Dahlias, and we are certain that this one is better than anything ever introduced to cultivation. The blooms are of an ultra refined cactus shape, absolutely pure white in color, and are erectly borne on stout, rigid stems. If the stems are disbudded, flowers seven to eight inches in diameter can be secured.

A feature of this Dahlia is its splendid keeping qualities, which renders it exceedingly useful as a cut flower. We have had cut blooms last in good condition for five and six days.

GIANT AMARYLLIS

We have for years devoted our attention towards the improvement of these handsome bulbous plants, and believe that our strain, in its present state of development, is one of the finest in existence. During the past Spring we had a large number of our most recent crosses bloom. For richness of color, size and form you will find them unexcelled. The blooms often attain a diameter of ten inches and over.

Amaryllis are becoming great favorites for use as pot plants and the ease with which they can be grown should recommend them to everyone. In cold sections, such as the eastern portion of the United States, they can be flowered successfully in an ordinary light living-room. They remain in bloom for several weeks and offer a subject quite distinct from the ordinary run of house or garden plants.

A SUPERB STRAIN OF CELOSIA

Among other notable annuals to which we call your attention is our perfected strain of Celosia Pyramidalis (Feathered Cockscombs). To adequately describe the beauty of this strain is next to impossible. They must be seen to be appreciated. Suffice to say the colors are rich beyond description. The plumes are of immense size, beautifully feathered and borne erect on handsome compact growing plants.

There are but few annuals in existence which will create a brighter effect in beds or borders than groups of these new Celosias. They bloom without intermission from Mid-summer until late Autumn. The colors range from pure golden yellow through the various shades of bronze, vermillion, carmine, crimson, etc. The plumes are often seven to eight inches in diameter, and are exceedingly graceful in their make up.



ANOTHER VIEW OF THE BAGATELLE GARDENS.

The guide in the picture is pointing to a young plant of the Los Angeles Rose just coming into bloom. It seems a pity that in a country as big as the U. S. A. we have no Rose fardens or gardens as comprehensive as this one, and much more of a pity that in a portion of the United States such as California, where Roses grow and attain perfection with little care, there is practically no Rose garden at all that is worthy the name. There is an opportunity for an International test garden in Southern California, where Roses from all parts of the world could be tried and brought to perfection with little or no effort at all. Such a garden as this, if properly handled, would soon become internationally famous.



Our GOLD MEDAL Exhibit of Dahlias at the California-Panama International Exposition, San Diego, 1915.

NEW GIANT ASTERS

NEW INTRODUCTIONS OF EXCEPTIONAL MERIT

Several years ago we undertook a certain series of crosses to obtain a tall growing non-lateral strain of Asters, and this season we are offering for your consideration the perfected results of our work. By crossing the tall growing non-lateral American Beauty with some of the finer types of the Crego class we secured an Aster with the type of Crego flowers and with the non-lateral branching stem of the American Beauty. These Asters attain a height of some three feet and the long stems are surmounted by flowers of ultra refined Crego type. The size of the flowers is phenomenal. During the last season we had large trials grown under ordinary field cultivation wherein the flowers averaged from four to five inches in diameter. The fact that these Asters have few or no laterals causes an unbroken sap flow from the base to the one flower at the terminal, thereby accounting for their immense size. The flowers can be cut with individual stems ranging from eighteen inches to two feet in length. The blossoms are large, fluffy and not unlike the general make up of a refined type of Japanese Chrysanthemum.

We have only a limited number of colors to offer this season, but all of them are exceedingly fine. In another portion of this bulletin will be found full descriptive matter concerning them. The value of the Aster as a half-hardy annual is well known and we feel quite certain that when this strain becomes thoroughly disseminated there will be a disappearance from gardens of many of the older types.

ELDORADO POPPIES

Under the heading of choice specialties in flower seeds the Eldorado Poppies are a noteworthy addition. They are quite distinct from the poppies hitherto grown. They contain a range of colors of exceeding beauty and bloom for a long period. A sowing made in November or December will insure a splendid display of color during early May and June. In cold sections they may be sown in Spring, say March or April, for Summer blooming. A bed of these when in flower attracts attention at once. We know of no subject where for so small a cost such a splendid show of color can be obtained.

PRIZE CINERARIAS

Our strain of these is without doubt one of the finest in America. In this improved class you will find something in the nature of a surprise. The flowers in the trusses average from three to four inches in diameter. The strain is compact in its growth, the plants being well furnished with large handsome foliage, making a splendid foil for the immense trusses of bloom.

The colors are rich and varied, running from pure white to darkest red, including all of the intermediate shades of lavender, blue, pink, rose, scarlet, etc. Cinerarias are very easily grown if given ordinary attention. They require cool treatment and an abundance of pot room. In another portion of this bulletin you will find an illustration giving you a fair idea of their habit and general character.

The foregoing Plants and Seeds are but a few of the specialties contained in this bulletin. There are many others. We feel certain that a careful perusal will be well worth while.

RÉPUBLIQUE FRANÇAISE
VILLE DE PARIS



Le Jury du Concours des Roses Nouvelles de Bagatelle
estime que la Rose "Los Angeles"
issue de M^{me} Segond Weber et de Lyon Rose
constitue une variété nouvelle digne d'être signalée

Et il a décidé de délivrer à titre de récompense ce Certificat
à Messieurs Howard et Smith à Los Angeles U.S.A
qui l'a présentée au Concours des Années 1917-1918 et a obtenu
la médaille d'or.

Paris, le 15 Juin 1918

Le Président du Jury

Le Conservateur

Forestier

Qu

Le Directeur Administratif
des Services d'Architecture
et des Promenades et Plantations

a Devine

Howard et Smith

Approuvé

LE PRÉFET DE LA SEINE

Autrault

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P. O. Box 484, Los Angeles, California

Please send the following named plants by.....to address of
 Mail, Express or Freight

Name _____


Write Plainly

Street and No. _____ P. O. Box _____

Post Office _____ Town _____

Freight Express Office _____ State _____

Amount Enclosed, \$ _____ Forward
on or about _____

 **State whether substitution will be allowed in case we are out of any varieties ordered**

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THE ROSE: *Our leading specialty*

We have long made the Rose our leading specialty, and have for years devoted an immense amount of energy, time and money in developing the best methods for the production of fine plants, as well as testing out the various novelties which appear year after year, both in Europe and America.

In addition to this, we have carried on extensive experimental work in the production of new hybrids of our own. The result of this work has been that our Roses have become famous not only in America but throughout the world. The concrete example of the results we have obtained in the production of new varieties through the means of scientific hybridization is well exemplified in our magnificent novelty, "Los Angeles."

This Rose, through its own intrinsic worth, has received recognition in all quarters of the world. It was awarded the premier gold medal at Paris, the highest honor it is possible to obtain for a new Rose. "Los Angeles" is but one of many of our new seedlings; others are offered you in this bulletin and still others will follow later, all of which will be found of equivalent quality, though different in their characteristics by way of color, form, etc.

One important feature of the roses which we send out is the fact that they are all heavy two-year-old stock. They are worked low and have the vigor which can only be imparted by the vigorous growing stock upon which they are budded. You will find that they will give you a larger and heavier production of blooms than any own root roses possibly could.

In regard to the list of varieties which we submit would state that while it is not a long one, it is comprised of varieties which, after careful tests, we have found to be the best in their respective colors and general characteristics. The plants in themselves are such as will give you results and with the recurrence of each season an increased wealth of bloom.

TWO MAGNIFICENT NEW ROSES

American Bred by American Growers for American Gardens

MISS LOLITA ARMOUR

It is with pleasure that we are able to offer to our customers this season a rose of such outstanding and superlative merit as this magnificent new sort. We believe it to be one of the greatest breaks by way of color ever known in Roses. There is nothing we know of in cultivation like it. Regardless of color, we doubt if there are any more beautiful. The color is difficult of description, but may be briefly described as follows: Chrome yellow at the base, shading to burnt orange and copper. The reflex of the petals is chrome yellow at the base, shading to bright salmon with brilliant copper suffusion. The flower is quite double, the bud similar in shape to those noted in the variety Caroline Testout. As the flowers of this variety age they turn to a delightful shade of shrimp pink and copper. The flowers are more or less cup shaped and display to splendid advantage the colors noted above. We have tested this variety under all conditions. From a few sample plants sent to the East the reports have been, to say the least, glowing in their terms of praise. We have only a very few plants to disseminate this year. Each \$5.00.

MRS. S. K. RINDGE

One of our new hybrid Roses, and one which we believe will fill a long felt want by way of a good yellow Rose. The flowers are a magnificent deep golden yellow without any tints of copper, the only shade to be noted is in the buds where the outside petals are stained with Cadmium red. The bud is long and pointed and expands into a flower of immense size. As the petals age they become suffused with soft pink and create a rather curious effect, as on the same plant may be seen the bud with its deep rich yellow tones, the effect being that of a plant producing bi-colored Roses. A characteristic of most yellow Roses is the fact that as the flowers age the petals become white and faded or almost colorless, whereas in this variety the blooms take on an added charm. Some plants which were tested by one of our customers attained in one season a growth of over five feet in height. The foliage is large and leathery, with a beautiful glossy texture. This Rose will prove hardy in the East and does splendidly in California. Regarding this superb Rose, it is interesting to note that plants which we sent to various sections throughout the United States on a preliminary trial test have all done exceedingly well, and from the owners of the gardens where these trials were conducted we have received numerous letters, all of which express gratification with its behavior, its magnificent color and its robust habit. Each \$2.50.

NOTE. The above rose was named Miss Lolita Armour at her personal request. We sent to her gardens at Montecito, California, a set of unnamed seedlings, early last season. This variety, under its provisional cross No. 252, exceeded all the others in its distinctive habit of growth, superb coloring, etc., and was selected to bear her name.



A HALF OPEN BLOOM OF OUR NEW ROSE "LOLITA ARMOUR"
 One of the coming Garden Roses, a rival of "Los Angeles" and an entirely new Shade of color.

A SUPERB COLLECTION OF MAGNIFICENT NOVELTY ROSES

Included under this head are varieties for introduction this season and a number of other scarcer varieties which, after careful tests, we have found worth while.

ADMIRAL WARD. A very vigorous grower. Spherical blackish red bud. Large full flower with petals of enormous breadth. The fully expanded flower is crimson red in color with shadings of fiery red. Extra choice. Each \$1.00.

CHEERFUL. This is a rose with unique coloring and one very difficult of description. It has been relatively referred to as a rich orange flame, the flame shade overspreading the petals. The base of the petals are orange yellow. The two shades create a combination of colors hitherto unknown in Roses. The buds are long and pointed, the expanded flowers are large and spreading. With us it is mildew proof and blooms continuously through the whole season. Exquisitely scented. Each \$1.00.

EDITH PART. A handsome bi-colored Rose, the exterior of the petals being a rich rosy red, the interior suffused with salmon on a pink ground, the base of the petals shading to yellow. The buds are long and pointed, expanding into a large perfect flower. A good grower, free bloomer and very sweetly scented. Each \$1.00.

EDGAR M. BURNETT. Extra large flowers of fine shape and form. Petals of immense size, color flesh tinted with rose. An exceedingly sweet scented variety and unexcelled for bedding purposes. Each \$1.25.

EARL OF GOSFORD. A splendid strong growing variety, rich dark crimson in color and velvety in texture. It sends out mammoth canes surmounted by flowers of glorious size and substance. This variety is of more or less hybrid perpetual character in its make up. Each \$1.00.

H. V. MACHIN. We have had this variety under trial for two seasons and can recommend it as being one of the most beautiful of all red roses grown. In growth it is similar to American Beauty, but unlike the last named variety is a perpetual bloomer. The color is a rich scarlet crimson. The buds are long and pointed. The flowers are carried on rigid stems of erect growth. The foliage is ideal. In our opinion, one of the finest red Roses introduced to date. Each \$2.00.

HOOSIER BEAUTY. In our opinion, one of the finest red hybrid tea Roses in existence. A rose of American origin and one which easily outdistances any other red on the market. Flowers are of superb form, not unlike a perfect sunburst in shape. They are beautiful either in bud or in the fully expanded bloom. The tone of color is one of those rich dark velvety reds, not unlike the color to be noted in the old variety "Black Prince." It is freer in growth than McArthur, with a color which far surpasses the latter variety. Each \$1.00.

GORGEOUS. Strictly speaking, this is not a new Rose, but it is so exceedingly choice that we have included it in this list as one of the best. The plant is of strong, vigorous branching growth, with handsome dark olive green foliage. The flowers are large and full and are produced in endless profusion on stiff, erect stems. Color deep orange yellow, heavily veined and shaded with reddish copper. A unique and beautiful color combination. Each \$1.00.

LEONIE LAMBERT. This is a new Rose which has come to stay. In color a beautiful silvery rose shaded rosy flesh. The flowers are large and well formed. Good in either bud or open flower. A remarkable feature of this Rose is its splendid foliage, which seems to follow the stems right up to the flower. There are but few Roses in existence which have better foliage, the plants when in growth being so dense as to completely hide the stems. Mildew proof. Highly recommended. Each \$1.00.

LUCIEN CHAURE. A superb new Rose of a dainty flesh color shaded with rosy cream. The flowers are exceedingly large, of refined form and exceedingly free blooming. The tints of color in this Rose are exceedingly soft and beautiful. Each \$1.00.

MAD. A. RICCARDO. A very free blooming and exquisitely colored Rose. Chrome yellow at the base, shading to citron yellow and canary. Flowers large and full, of handsome cup form. Exceedingly free blooming. Each \$1.00.

MADAM EDMOND ROSTAND. A wonderful combination of colors is to be noted in this Rose. The exterior of the petals are a delicate shade of flesh and salmon, while the center is a reddish orange yellow. The flowers are large, globular in form and quite double. Buds long and pointed. Each \$1.00.

MRS. MACKELLAR. Color deep citron yellow at the base of the petals, gradually merging to canary yellow, and as the flowers age turning to pearly primrose white. A vigorous grower with stiff, erect stems and a splendid bloomer. Each \$1.00.

MRS. FRANKLIN DENNISON. The color of this variety is very difficult to describe, the base of the petals being a rich chrome yellow, merging to light silvery pink. The buds and open flowers are of enormous size. It is quite double and delightfully fragrant. A superb sort. Each \$1.00.



MRS. S. K. RINDGE

A grand novelty in Yellow Roses and which we feel quite certain will more than please the most exacting.



H. V. MACHIN

The reddist of all red Roses, a Rose that should be included in every collection. Has splendid foliage with bud and open bloom of ideal form and texture, delightfully fragrant.

MRS. S. T. WRIGHT. A very handsome free flowering Rose. The guard petals are tinted with old rose, the center petals are a charming suffusion of pale rose pink. One of the best of this particular color combination. Each \$1.00.

PRIMROSE. A superb free grower and free blooming yellow rose. A combination of apricot and dark yellow. The color in this variety is very distinct. The blossoms are large and perfectly formed and the buds ideal as to shade. Deliciously fragrant. Each \$1.00.

TOTOTE GELOS. A strong vigorous grower with erect branching stems, handsome dark green foliage surmounted by long buds and large open flowers. Color blush white and deep creamy yellow at the base. An exquisite variety. Each \$1.00.

ROSE MARIE. Amongst the various Roses which we have had under trial there are but few more meritorious than this magnificent American novelty. The buds are long and pointed, the petals large and well rounded, and the open bloom ideal as to form. One of the finest Roses we know of for cut flower purposes. The color is a delightful shade of pure rose pink. Highly recommended. Each \$1.00.

RED RADIANCE. A counterpart of the original pink variety save color, which is a delightful shade of rich rosy red. In regard to this variety, would state that there have been many sports of Radiance, but this variety, which originated in Washington, D. C., is by all odds the best of the lot. It is at least three or four shades darker than the Red Radiance distributed some seasons ago. We have discarded all other forms for this particular variety and can unhesitatingly recommend it to our customers as one of the finest of recently introduced roses. It is delightfully fragrant, with long pointed buds and well expanded open flowers. It has splendid foliage and is entirely mildew proof. Each \$1.00.

THE ROSE, *Queen of Flowers*—LOS ANGELES, *Queen of Roses*

This superb Rose, which we introduced some three years ago, has made a record for itself in all parts of the world. We have seen it growing in various parts of America and foreign countries as well, and we believe we can say without egotism that it is a rose that has come to stay. It has received recognition from Rose societies in all parts of the world. It won the gold medal at the International trials at Paris, and we doubt if any Rose was ever introduced for which the demand has been so heavy, this being due to its generally recognized high-class qualities. It possesses a color absolutely new in Roses—luminous flame pink, toned with coral and shading to translucent gold at the base of the petals. The buds are long, expanding to a flower of mammoth proportions. It is beautiful from the opening bud until the last

petals drop. It is a Rose which will furnish you, from a plant grown in your own garden, better flowers than can be produced from the finest of underglass grown stock.

During the past season we grew an immense quantity of plants, thinking we would have an abundance for future delivery, but even with the large quantity which we grew, some thirty thousand plants, we doubt if we will have enough to see us through the coming Spring season. A remarkable feature of this Rose is the fact that it can be grown in all climates. It does well in a temperate climate such as California; it withstands the harsh conditions of cold, etc., in the eastern portions of the country. It is a rose that everybody can grow. It is a rose which should be included in every collection. Our plants this season are finer than ever. Each, \$1.50.

THREE SUPERB NOVELTIES IN CLIMBING ROSES

YELLOW CLIMBING CECIL BRUNNER. A yellow flowered sport from the well-known climbing form of pink Cecil Brunner. The flowers are a pleasing shade of yellow, are borne in great profusion, and like its parent it is a vigorous and rapid grower. This Rose is an addition to a very favorite class and we feel quite certain when better known will be in large demand. Each \$1.00.

QUEEN OF PORTUGAL. A splendid new yellow climbing Rose, the result of a cross between the White Cherokee and Reine Marie Henrietta. The color is not unlike that to be noted in the variety Reve d'Or, but the flowers are larger and the buds long and pointed. In our opinion it will be a great advance on the above mentioned variety. Splendid foliage, exceedingly free blooming. Each \$1.00.

PAUL'S SCARLET CLIMBER. One of the most sensational novelties in climbing Roses ever introduced. It is a climber with splendid foliage and glorious vivid scarlet flowers. These are borne in wonderful profusion. A plant in bloom arrests the attention at once. Although only introduced a few seasons ago from England, it has already taken a high position amongst hardy climbing Roses. For pergola effects or pillars this Rose is absolutely unexcelled. There is no variety with which we are acquainted that can equal it. This Rose will stand exceptionally low temperatures without any danger of freezing. No Rose garden, large or small, should be considered complete without a plant or two of this superb sort. We cannot do otherwise than give it the highest recommendation possible. It has already proved its worth. Each, \$2.00.

CHOICE NEW AND SCARCE VARIETIES OF EXCEPTIONAL MERIT

ANTOINE RIVOIRE. A magnificent bi-color rose. Rosy flesh on a yellow ground. A unique color combination. Each 75c.

ARTHUR GOODWIN. A superb rose of the Pernetiana class. In color rich orange with tinting of salmon. A unique and beautiful color. Each 75c.

BEAUTE DE LYON. A very vigorous growing variety of the Pernetiana class. Color quite new in Roses. Copper with rosy shrimp pink shadings. Each 75c.

BRITISH QUEEN. Buds long and pointed. Snowy white in color, free in bloom. Equal in color to the old Niphetos. Each 75c.

DOROTHY PAGE ROBERTS. A vigorous growing variety with extra long pointed buds. In color an exquisite shade of salmon pink. Good for cutting purposes. Each 75c.

EDWARD MAWLEY. A splendid hybrid tea rose with immense buds and mammoth fully developed flowers. Color rich dark velvety crimson. In our opinion one of the best red Roses grown. Each 75c.

FRANCIS SCOTT KEY. A strong sturdy growing variety of American origin which has proved a valuable rose for the garden. The flowers are large, very double, and perfectly formed. In color a deep even shade of red. Each 75c.

IDA SCHUBERT. A splendid dark reddish crimson. Flowers fairly full. Buds long and pointed. Exquisitely scented. Very fine. Each \$1.00.

GEO. ARENDS. A replica of Druschski in a wonderful shade of pure silvery pink. Splendid for cut flower purposes. One of the finest Roses of its color. Each 75c.

GEO. DICKSON. A very vigorous growing variety. Interior of the flower rich scarlet crimson, exterior a peculiar deep plum color. A two-tone Rose of splendid quality. Each 75c.

GRANGE COLOMBE. A remarkably vigorous growing hybrid tea Rose with enormous long pointed buds. Color white tinted with creamy yellow. Each 75c.

GLOIRE DE CHEDANE GUINISSEAU. A bright vermillion red with velvety crimson shading. Flowers very large and full, perfectly formed. Extra fine. Each 75c.

GEN. SUPERIOR ARNOLD JANSSEN. Wonderfully free blooming, deep rose pink flower. Long pointed buds expanding to a flower of mammoth proportions. One of the most remarkably vigorous growers to be noted in our entire collection. A constant bloomer and splendid cut flower variety. Each 75c.

HIS MAJESTY. Dark rich red flowers freely borne on strong, vigorous canes. It is a tall growing variety, something after the style of Paul Neyron. Each 75c.

JONKHEER J. L. MOCK. A Rose of giant size. Enormous deep rose colored blooms surmounting strong, vigorous canes. Each 75c.

JULIET. One of the most sensational Roses ever introduced. A wonderful combination of orange, scarlet, salmon, etc. Each 75c.

LAURENT CARLE. A comparatively recent introduction of French origin. In color bright red. Very free blooming. Mildew proof. Extra fine for bedding. Each 75c.

MAD. P. EULER. A splendid outside garden Rose. Equally valuable for forcing under glass. Color deep rose pink. Each 75c.

MARQUIS DE SINETY. Copper with intense orange shadings. A bud of superlative form and substance. Very fine. Each 75c.

MAD. CHAS. LATAUD. Center a magnificent shade of deep chrome yellow, turning to bright rosy scarlet and salmon on the outer petals. Very large and full. Each \$1.00.

MAD. EDWARD HERRIOTT. Fine coral red shaded with yellow at the base. Open blooms are medium in size. Each 75c.

MAD. EDMOND ROSTAND. A wonderful combination of colors are to be noted in this Rose. The exterior of the petals are a delicate shade of blush and salmon, the center is reddish orange yellow. The flowers are large and quite double. We regard this as one of the finest or garden roses. Each \$1.00.

MRS. GEO. SHAWYER. A sensational variety introduced from England a few seasons ago. Open blooms and buds of remarkable size. In color a splendid shade of deep rose. Each 75c.

MRS. MILES KENNEDY. This Rose was sent out a few seasons ago. We believe it is one of the good things which has been generally overlooked. The color is a delicate silvery white with the edges of the petals rimmed with rose. Each 75c.

MRS. ARTHUR COXHEAD. Deep rosy red. Petals of remarkable breadth and substance. Large and full with long pointed buds. Each 75c.

MRS. HUBERT STEVENS. Pure white flower of medium size. Good for cutting purposes. Each 75c.

MRS. T. HILLAS. A splendid free blooming and strong growing yellow Rose. Interior of bloom deep rich yellow, outer portion of the petals creamy white. Buds long and pointed, with open flowers quite double. Each 75c.

MRS. WAKEFIELD CHRISTY MILLER. A pink Rose somewhat of the style of Caroline Testout and a much deeper shade of pink. A curious feature of this Rose is the crinkly and wavy outline of the edges of the petals. Each 75c.

MAD. THEODORE DELACOURT. Color a reddish salmon shaded clear yellow. Flowers large and fairly full. A good cutting variety. Each 75c.

MISS ALICE DE ROTHSCHILD. Like a yellow bush Marechal Neil. Deep yellow in color. Splendid buds. A vigorous grower. Each 75c.

OPHELIA. Salmon flesh shaded with rose. Buds of absolutely perfect form. A splendid variety for either indoor or outdoor cultivation. Each 75c.

QUEEN OF FRAGRANCE. Shell pink tipped with silver. Bright and charming. Flowers large and double, very elegantly shaped, exceedingly fragrant. Each 75c.

SUNBURST. Unquestionably one of the finest of all yellow Roses. In color a rich shade of orange yellow with lighter shading toward the exterior of the petals. Vigorous in growth, canes handsomely clothed with heavy foliage. Each 75c.

GENERAL COLLECTION OF CHOICE STANDARD VARIETIES

AMERICAN BEAUTY. Deep, rosy crimson in color. Very fragrant. A well-known variety. Especially adapted for growing in sections of the country where temperatures are high during Summer. Quite hardy in all localities. Each 75c.

AUGUSTA VICTORIA. Creamy white in color. Grand in form, free in growth. A splendid variety for cutting purposes. Each 75c.

BETTY. A superb Rose with blooms of the most exquisite color imaginable. Copper rose shaded golden yellow at the base. Buds long and pointed. A vigorous grower. Each 75c.

CAPT. CHRISTY. One of the best standard old Roses. Hybrid perpetual in character. Color an exquisite shade of soft shell pink. Each 75c.

CECIL BRUNNER. The most beautiful of all Polyantha or baby Roses. Color bright salmon pink. Each 75c.

CLARA WATSON. Blush pink. A remarkably free growing variety with very profuse blooming qualities. Throws strong canes clothed with heavy foliage. Extra fine. Each 75c.

DEAN HOLE. Silvery pink shaded salmon. Long and pointed buds of refined form and finish. A variety of great excellence. Each 75c.

DUCHESS OF WELLINGTON. Intense saffron yellow, stained crimson. As the flower ages it becomes a deep saffron yellow. Blooms fairly full, buds long and pointed, very free flowering. Exceedingly fragrant. Each 75c.

FLORENCE PEMBERTON. Silvery pink on white ground. A Rose remarkable for its large size and handsomely formed blooms. Exceedingly free growing. Each 75c.

FRANZ DEEGAN. Deep orange yellow center, merging to cream on the outer petals. Strong canes surmounted by flowers of large size. One of the finest yellow Roses of this particular shade. Each 75c.

GENERAL McARTHUR. Bright crimson. This is considered one of the best of all red Roses for bedding purposes. Not subject to wilddew. Blooms continuously over a long period. Each 75c.

GRUSS AN TEPLITZ. The most profuse blooming velvety crimson Rose in existence, besides which it possesses an admirable constitution, a point lacking in many red roses. Has good, clean foliage and throws strong upright canes. A grand garden rose. Each 75c.

HARRY KIRK. A splendid addition to the none too long list of yellow Roses. Deep rich yellow with lighter shadings at the tips of the petals. The buds are perfection in form. Each 75c.

IRISH FIREFLAME. An exquisite single rose that should be in every garden. Color a deep maddery orange, splashed with crimson. Deliciously and strongly perfumed. Vigorous grower and a constant bloomer. Each 75c.

J. B. CLARK. One of the most vigorous growing of all red hybrid Tea Roses. We have had plenty of plants which throw canes six feet high. Color deep blackish crimson, with scarlet shadings. It is an especially fine fall bloomer. The foliage on the young growth is a beautiful rich bronze. Each 75c.

JOS. HILL. Pink shaded with salmon. Exterior of the petals coppery pink. Superb in either bud or open flower. A really magnificent Rose. Each 75c.

JEAN NOTE. Somewhat similar in general form to the variety Franz Deegan but several shades darker in color. Center of blooms chrome yellow changing to creamy yellow on the outer petals. Flowers large and freely produced. Each 75c.

KILLARNEY. A vigorous hybrid tea rose with so many good points in its favor that it has become a standard variety. Long pointed buds of excellent substance. Color blush pink suffused with pale pink. Each 75c.

LADY BATTERSEA. A strikingly beautiful variety with long pointed buds of excellent form. Color cherry crimson becoming much darker during the Fall and Winter. Each 75c.

LADY HILLINGDON. Deep apricot yellow. Long pointed buds. Produces enormous quantities of flowers, with buds of especially fine shape. Well adapted for cut flowers. Each 75c.

LADY URSULA. Flesh pink. Possesses a delicate tea perfume. A rampant grower. Always in bloom. Each 75c.

LOUISE CATHERINE BRESLAU. A magnificent Rose belonging to the Pernetiana class. Buds are a beautiful shade of coral red, toned with chrome yellow. When fully opened the color changes to shrimp pink and coppery orange. A sensational and exquisite variety. Each \$1.00.

MAD. CONSTANT SOUPERT. Deep rich yellow with shadings of salmon. Flowers very large and full. Has excellent foliage and is a strong grower. Each 75c.

MAD. ABEL CHATENAY. Produces a mass of salmon pink blooms with buds of ideal form. Is especially useful as a Winter bloomer, useful for cutting as it lasts a long time. A universal favorite. Each 75c.

MAD. LEON PAIN. Light silvery pink shaded with salmon. Growth exceedingly vigorous and produces lavish quantities of flowers throughout the entire season. We consider it an indispensable variety to any collection of Roses. Each 75c.



MRS. AARON WARD

MAD. MELAINE SOUPERT. One of the most highly-prized points in a Rose is a long pointed bud. We believe it would be difficult to find one which is better than this particular variety. Remarkable also for its lovely color, which is deep yellow toned with salmon. When fully expanded it loses the deeper bud tints and becomes quite light. Each 75c.

MAD. SEGOND WEBER. Magnificent light rosy salmon. Buds long and pointed expanding to flowers of immense size. In this particular color there is nothing to equal it. Each 75c.

MRS. JOHN LAING. An old standard hybrid perpetual. One of the most deliciously fragrant Roses in existence. A few flowers of this will scent a whole room. Color soft pink. Each 75c.

MRS. AARON WARD. Deep rich Indian yellow toned with salmon. It is a constant bloomer with buds and open blooms of most refined form. A favorite everywhere. Each 75c.

MRS. A. R. WADDELL. A lovely new color in Roses. Deep reddish apricot, toned with salmon. A vigorous grower, constant bloomer and incidentally, a wonderful advance in Roses by way of color. Each 75c.

MARY, COUNTESS OF ILCHESTER. Large crimson, carmine flowers. Petals exceedingly broad, circular in outline. Extra good. Each 75c.

MRS. PETER BLAIR. Lemon Chrome with golden yellow center. A medium sized, lovely shaped, deliciously fragrant flower. A Rose of unqualified merit. Each 75c.

PEARL OF GODESBURG. Almost identical with Augusta Victoria in form and general characteristics. The buds are a delicate shade of creamy white. Each 75c.

PINK MAMAN COCHET. Long pointed buds. Pure rich pink in color. A vigorous grower. One of the best varieties of this shade. Each 75c.

PERLE D'OR. A counterpart of the baby Rose Cecil Brunner with the exception that the color which is of various shades of copper and salmon. Flowers of splendid form. Each 75c.



H-S

*Climbing Pink
Locket*

PHARISAER. In color a magnificent shade of salmon pink. Ideal as a bud or open blossom, in addition to which it possesses a delicious odor. Each 75c.

PRINCE DE BULGARIE. Very large flowers with excellent shaped buds. Color silvery rose blush. Each 75c.

RADIANCE. A Rose of American origin and to our mind one of the best varieties in cultivation today. Buds long and pointed expanding to blooms of enormous size. Similar in shape to Caroline Testout but in color deep rich rose pink. Each 75c.

TIP TOP. A tiny Rose similar in form to Cecil Brunner but quite distinct in color, being golden yellow tipped with carmine rose. The little buds and blooms are perfect in form. Foliage narrow and pointed. A splendid variety for corsage bouquets. Each 75c.

ULRICH BRUNNER. Rich cherry crimson. Flowers very large produced on long almost thornless canes. Far superior in quality to American Beauty. Succeeds outside where American Beauty will fail. Particularly fine for early Spring and late Fall. Each 75c.

RED ROVER. A very full finely formed red Rose. A great favorite, always in bloom. A good cut flower variety. Each 75c.

REINE CAROLA DE SAXE. A free blooming variety with perfectly formed flowers of large size. Color a soft silvery rose on a dark rosy salmon ground. Very fine for massing and cutting. Each 75c.

VISCOUNTESS FOLKSTONE. Creamy pink center shading to deep salmon. Very free bloomer. Each 75c.

WHITE MAMAN COCHET. An exact replica of the pink with the exception of color, which is pure creamy white with tinting of pink. Each 75c.

WHITE AMERICAN BEAUTY. Snowy white flowers of immense size. A fine bloomer and vigorous grower. This is unquestionably the largest and freest blooming of any white Rose grown. Each 75c.

WINNIE DAVIS. An exquisite shade of salmon pink. This variety is a wonderful bloomer. Produces masses of flowers throughout the blooming season. Each 75c.

CLIMBING ROSES

A splendid assortment of the best climbing roses

CL. CECIL BRUNNER. A sport from the well-known "Cecil Brunner," identical by way of color but with a tremendously vigorous climbing habit. Each 75c.

CL. AUGUSTA VICTORIA. Without a doubt the finest large flowered white climbing Rose grown. Although a climbing Rose, it is largely available for cutting purposes, as the flowers are carried on fine long stems. Each 75c.

CL. PAPA GONTIER. The buds of the same elegant pointed form and color as that to be noted in its parent or bush form. Color rosy crimson. One of the best climbing Roses of this shade. Each 75c.

CL. LADY ASHTOWN. Superb deep silvery pink, a shade or two darker than Mad. Caroline Testout. Unquestionably one of the grandest pink climbers in existence. Although a climbing Rose, buds are borne on long stems, making it valuable as a cut flower. Each, \$1.00.

CL. LIBERTY. A comparatively recent introduction. Bears large quantities of magnificent rich crimson buds which expand into wonderful, highly colored open flowers. Each 75c.

CL. MAD. CAROLINE TESTOUT. A climbing form of Mad. Caroline Testout, with the same silvery pink color to be noted in the mother plant. Remarkably free in bloom, the plants being literally smothered with perfect buds and open flowers. Each 75c.

CL. SOUVENIR DE WOOTON. A very vigorous climbing Rose with rich rosy crimson flowers. Very large and full. Each 75c.

CL. PINK MAMAN COCHET. One of our own introductions. The individual buds and flowers are much larger than those of the dwarf bush form and are produced in far greater profusion. An addition to pink climbing Roses which is worth while, and bound to find its way into every garden where Roses are appreciated and grown for their fragrance and beauty. Each \$1.00.

CL. WHITE MAMAN COCHET. A white sport from the well-known bush form and a fine companion to Cl. Pink Maman Cochet. Buds of immense size, pure white, beautifully rimmed pink at the edges of the petals. Each 75c.

DUCHESS DE AUERSTADT. A scarce and little known climbing Rose with large globular blooms. Deep rich yellow in color. Each \$1.00.

EXCELSIA. A new climbing Rose of the Rambler type. Bears large clusters of semi-double scarlet crimson blooms. Very fine. Each 75c.

GOLD OF OPHIR. This beautiful Rose offers a color scheme totally different to that of any other variety. The ground color is deep gold, stained and shaded with carmine. The flowers are semi-double, and are borne during the Spring months in lavish profusion. Each 75c.

FRANCOISE CROUSSE. This Rose fills a long-felt want in high-colored climbers. Color rich crimson red, blooms very velvety in texture and produced in great profusion. Each 75c.

LAMARQUE. Well-known as one of the finest white varieties in cultivation. A very profuse bloomer, fine in the bud, excellent as a cut flower. Each 75c.

LADY GAY. Blossoms borne in immense clusters. Color soft pink. Especially useful for growing in pots for Easter decoration. Each 75c.

MAD. DRIOUT. A sport from that old variety "Raine Marie Henriette." Differing only in the color of its blooms, which are a rich rose color, heavily striped with cherry red. Each 75c.

MARECHAL NEIL. This is one of the best and most generally known climbing Roses in existence. Produces very large and deliciously fragrant golden yellow blooms. The buds are ideal in form and expand to full and globular blooms. Each \$1.00.

REINE MARIE HENRIETTE. One of the best of the old-fashioned climbing Roses. The flowers are very large, bright cherry red in color and abundantly produced. Each 75c.

REVE D'OR. Unique in shades of buff and apricot. Similar in form to Lamarque. One of the best climbing Roses in cultivation. Always in demand. Each 75c.

RAMONA (RED CHEROKEE). An exact replica of the White Cherokee with the exception that the color is a splendid shade of carmine crimson. Each 75c.

SILVER MOON. Different from all other Roses. Flowers very large, single, four and a half inches in diameter. Pure white in color. Petals of great substance, beautifully cupped. The large bunch of yellow stamens in the center adds to its attractiveness. The flowers are borne on strong stems 12 to 18 inches long and are delicately perfumed. The plant is a strong grower, with large, glossy, green foliage. Each 75c.

THOUSAND BEAUTIES. Entirely distinct, not only in Ramblers but in climbing Roses generally. The individual flowers are very large for this type of Rose. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. Borne in large clusters. Each 75c.

WILLIAM ALLEN RICHARDSON. A climbing Rose of unique color. Center of flower deep orange. Outer petals more or less creamy at margins. The buds are a pure orange tint and are excellent for cut flowers. Each 75c.

WHITE CHEROKEE. A variety grown in great quantities throughout California, and is invaluable for hiding unsightly barns, fences, etc. It produces great masses of waxy-white single flowers, with a conspicuous bunch of yellow stamens in the center. Foliage shining green and good at all times of the year. Each 75c.

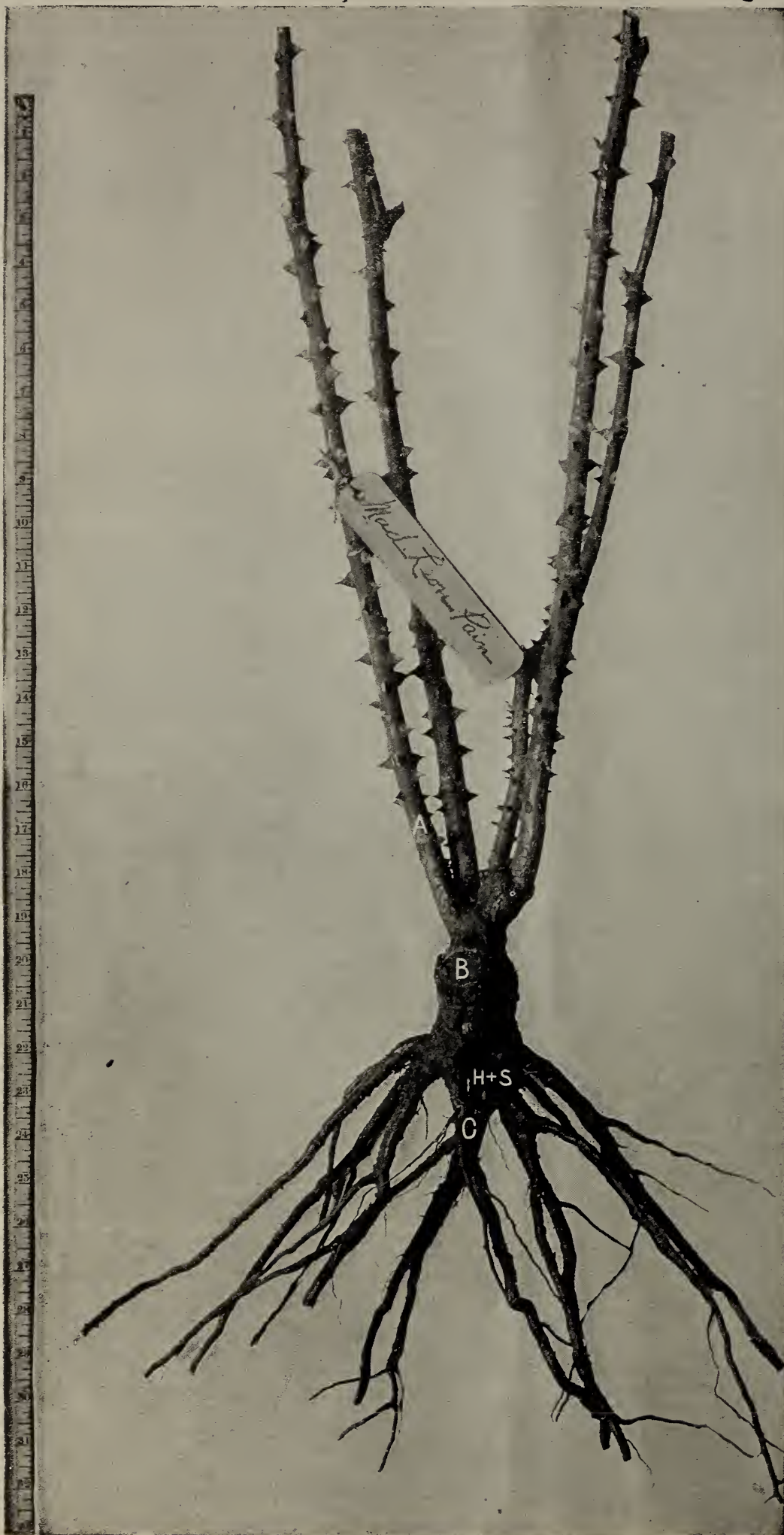
How to Plant and Care for ROSES

Before entering into the technical details for which the treatise is intended we would impress on your mind the fact that plants are living things, and although not so far advanced in the scale of creation as the higher forms of animal organisms yet, in common with the latter, they develop in proportion as they are carefully and intelligently nurtured. A plant may suffer from cold; it is equally affected by undue conditions of heat or drought. It is subject to attack by insect and fungus pests, and represents in an unequivocal manner all factors detrimental to its well-being. It differs in no particular from man.

There are many who consider the placing of a plant in the soil as the last and most important act necessary to bring it to a point of fruition. As a matter of fact this is the simplest preliminary. The after care which it requires, comprised in proper pruning, watering, fertilizing, etc., is just as important of consideration if definite and adequate results are to be obtained.

The Rose plants which we offer you in this bulletin have been carefully and scientifically grown. They represent the pent-up sunshine of two long California seasons. They are plants, which, if you will study their needs and requirements as pertain to your own particular locality, will not only give you splendid results but afford unbounded pleasure to yourself and to all who love and appreciate nature as expressed in the flowers of transcendently beautiful Roses.

The varied climatic and soil conditions which pertain in different sections of our country make it exceedingly difficult to incorporate in these brief notes all that might be stated under the head of cultural directions, but contained herein will be found the fundamentals which, if you will follow them carefully and supplement them with your own experiences and ordinary attention, can be depended upon to produce abundant crops of bloom.



A. CARE OF PLANTS UPON ARRIVAL: As soon as you receive the plants, remove the various materials in which they are packed for shipment, excepting, however, the burlap which holds the damp sphagnum moss about the root action. This should be left on until the plants are ready for placing in their final growing quarters. If you live in a locality where the ground does not freeze, as, for example, certain portions of the southern states or the lower latitudes of the Pacific slope, the moss should be removed at once and the plants placed in the bed where they are to grow.

In the more northerly sections, where the ground is frozen and planting out impracticable, remove as above, all the packing excepting the moss and the burlap around the roots and bury the plants to the tips in a cold frame. If a cold frame is not available, the dirt floor of an out-building, such as a shed or cool cellar, will answer. In any instance, cover the plants completely with soil. Select a position where there is plenty of light, but not direct sunlight and no artificial heat whatever. As soon as Spring breaks and it is possible to work the soil, plant them out in the garden. If the plants are to be buried, as suggested in the preceding paragraphs, it is advisable to wrap them in a piece of ordinary window screen, to guard against the attacks of mice, etc.

B. LOCATION OF BEDS: Roses give the best results in a fully exposed, sunny situation where free circulation of air is assured and, if possible, well removed from any buildings. It is inadvisable to plant them in even partial shade, as lack of sunlight induces leaf mildew in dull weather.

C. SOIL: Much has been said regarding the soil best adapted to Roses, but our experience has been that they do well in almost any good, rich land, with a strong preference to soils of a heavy nature.

D. PREPARATION FOR PLANTING: Given that a suitable plot has been selected, we now come to the main essentials to success.

The soil should be trenched or spaded over to a depth of not less than eighteen inches, breaking all lumps, removing all stones, if any, etc. With this operation complete, spread over it three or four inches of rotted manure. Spade in thoroughly, and when thoroughly incorporated, rake the bed to final grade.

Measure the distance apart plants are to be set, allowing two and one-half or three feet between them. At these designated points dig a hole twelve inches wide by two feet deep; place in the bottom eight inches of well rotted manure, preferably cow manure, if obtainable. Tread this firmly. On top of this, put six inches of well prepared soil, containing no manure whatever. Tread again, to firm the layer of soil on manure. The remaining portion of the unfilled hole will now be ready to receive the plant.

If the Roses are in a dormant or bare root condition, place them in the holes and carefully spread out the roots in as nearly a natural position as possible, gradually filling in with fresh soil containing no manure whatever. Whenever the hole is completely filled, tread the soil around the plants as firmly as possible. Make a basin immediately surrounding the plant and water thoroughly.

E. DEPTH OF PLANTING: The accompanying illustration shows a fair sample of one of our strong two-year-old budded Rose bushes. B denotes the point of the insertion of the bud in the original wild stock. A, the depth that the plant should be set in the soil. C indicates the splendid root action to be noted in the class of Roses which we send out. The tape measure to the left of the

cut shows the point A to be about four inches above point B. Point A is the proper height the soil should reach when the plant is finally set.

F. WATERING: With the exception of an occasional syringing to clean the foliage of dust, Roses should have little or no water overhead. Irrigation, either by means of shallow trenches running along the rows, or by an individual basin around each plant, are the best methods. This puts the water where it belongs—at the roots.

In sections where there is small rainfall, the plants should be kept moist during their entire growing season. After each watering a liberal cultivation of the soil will prove highly beneficial and will tend to retain the moisture in the ground.

It is almost impossible to make any hard and fast rule in regard to the frequency of watering, as at times the heat and consequent evaporation is greater than at others. The principal thing to take note of, is to see that the soil is continually moist during the flowering or growing period. A mulch of well rotted manure, two or three inches deep, over the entire surface of the bed, will help check evaporation and reduce the amount of water required.

G. PRUNING: The principal pruning should be done either just after the plants have finished their summer growth, say, in the months of November or December, or, in very cold sections, just before sap begins to rise in the Spring.

It is difficult to give full data as to the method of pruning, but it might be summed up as follows:

Remove all small twiggy growths, pruning back to strong well ripened canes which are well furnished with healthy, big, dormant eyes. As a general thing, the entire top of the plant should be removed. The engraving shows a properly pruned hybrid tea, a two-year-old plant.

H. INSECTS AND DISEASES: Roses are affected with various diseases, pests, etc., but we will only treat of two which give the most trouble. These are Aphis or green fly and mildew.

For the first, use a strong solution of tobacco water, administered on a quiet evening with a spray pump.

For the second, take two ounces of slacked lime, mix with one pound of sulphur, place in a pot, add two gallons of water; boil for three or four minutes. The sulphur, insoluble in water, enters into solution through the action of the lime, forming a sulphurous solution. When cold, dilute this one part to five parts water and spray affected plants thoroughly. It is very effective.

I. WINTER CARE: In sections where freezing conditions are severe, Roses of all classes can be safely wintered in the open ground by hilling up around the plants with soil, as far as possible, and on top of this place a heavy mulching of dry leaves, straw or other similar litter. Remove same as soon as danger of frost is over. If these details are taken care of, even the tenderest tea Rose can be wintered in the harshest Eastern climate. The hilling up of the plants or the covering with litter is quite unnecessary where heavy freezing conditions do not prevail.

CLOSING NOTE: The Roses we offer are budded—worked low down on various stocks for which we have found, by exhaustive experiments, they show an affinity.

Some growers of own root stock declare that budded Roses sucker from the wild stock. We have only to say, this is ignorance. Our stock are especially prepared for budding. They do not sucker; they produce stronger and better plants than any own-root stock possibly could, and, in addition, give an infinitely greater quantity of fine blooms.

TIME OF DELIVERY

We can supply Roses as dormant or bare root plants any time from the first of November to the first of April. These are plants which are dug with their full root action, from the field, the tops pruned back and all foliage removed.

Between the months of April and July it is inadvisable to attempt to plant Roses. From July to November we can again make delivery as balled plants from the field.

These plants are taken up with a ball of dirt adhering to the roots and wrapped in burlap. When handled by this last method a single plant with the ball of dirt attached will weigh approximately fifteen pounds. Owing to the weight it makes distant shipments almost prohibitive and they are only of use for local consumption.

We strongly advise our customers to place their orders for plants during the Winter or very early Spring months.

DAHLIAS

The Dahlia is one of our leading specialties. The collection we offer consists not only of the best and most up to date varieties gathered from all quarters, but includes also a selection of very fine seedlings raised at our Montebello nurseries.

The collection has been carefully revised, inferior sorts have been discarded and better and improved varieties substituted. Customers purchasing Dahlias from us may depend upon getting nothing but the best.

In the case of some of the novelties noted below we cannot furnish tubers this season but deliver them as green plants growing in pots in the Spring. Although it is not generally understood Dahlias grown from cuttings in Spring, potted on and planted out in May, June or July, flower quite as freely as those plants which are grown from tubers planted early in the Spring.

NOVELTIES IN DAHLIAS FOR THE SEASON 1920

FIREBALL —A grand Cactus Dahlia, fiery red in color. The blooms are of ultra-refined cactus shape with long quilled, incurved and interlaced petals. A remarkable feature of this Dahlia is its immense size. A sensational novelty any way you take it	\$1.50	the most critical. The color combination is quite distinct from that of any other variety which we know of. The ground color of the flower is primrose yellow overlaid with coral pink. The flower is of the cactus-decorative type with beautifully curved and twisted petals. The flowers are poised on the ends of long stiff stems. Extra good for cutting purposes	\$2.00
PINK BEAUTY —A beautiful Cactus Dahlia of immense size, refined form and with splendid stems in one of the most wonderful shades of color to be found. The blossoms attain a diameter on disbudded plants of eight to ten inches. The petals are outstanding, beautifully quilled, and in color a most delicate shade of lavender pink, shading lighter at the center. Flowers borne erect on stout stems. A splendid variety for cutting purposes.....	2.00	SNOWDRIFT —Unquestionably one of the finest white Cactus Dahlias ever grown. The color is a glistening snowy white. As white as driven snow. Combined with its wonderful shade of color is its exquisite form and the fact that the flowers are borne on strong stiff stems, the flowers being held in bold relief well above the foliage.....	2.50
PRIMROSE DAME —One of the loveliest in our entire collection and one that we feel sure will please		SPECIAL OFFER One each of the above magnificent Dahlias for \$7.00.	

CHOICE CACTUS DAHLIAS

	Each		Each
AJAX —Orange suffused with yellow and buff.....	35c	MRS. S. B. HOLMES —The finest dark crimson ma-	
ALFRED D. ROBINSON (H. & S.) —Elegant lavender pink. Deeply bifurcated petals.....	50c	room Dahlia in cultivation.....	50c
ALIGHT —Rich pure orange. Large blooms. Incurved petals	35c	MRS. WM. R. RUESS (H. & S.) —Primrose pink. Deeply bifurcated petals. Extra large.....	50c
AURORA —Reddish apricot suffused flesh pink.....	50c	MRS. CHAS. F. KEANE (H. & S.) —Rich bright crimson. Very fine.....	50c
BUTTERFLY —Deep crimson with creamy white tips	35c	MRS. J. B. Chaffey (H. & S.) —An exquisite shade of shell pink.....	50c
CONTRAST —Rich crimson scarlet, beautifully tipped with white	1.00	MRS. ALFRED STERN (H. & S.) —Deep lavender pink	50c
DAISY EASTON —Deep rich yellow. Long quilled petals	35c	MRS. F. H. HOWARD (H. & S.) —Soft shell pink. Petals deeply split and notched at tips.....	50c
DIAVOLO —Yellow, shaded rose at tips of petals.....	35c	MRS. KATE JOHNSTONE —Deep rich rose.....	50c
E. BONNEFOND —Intense fiery scarlet. Extra large	50c	NELSON —Ruby crimson. Extra rich color.....	35c
FASCINATOR —Deep rosy crimson.....	50c	NIBELUNGENHORT —Enormous flowers. Rose and golden apricot. Extra fine.....	75c
FLAG OF TRUCE —Sensational pure white cactus Dahlia	35c	RUBY GRINSTEAD —Rosy fawn tinted yellow. A dainty shade	50c
GLORY OF WILTS —Golden yellow. Large and fine	35c	SUCCESS —One of the best medium yellow Cactus Dahlias. Petals incurved. Unique.....	50c
GOLDEN WEST —Deep apricot yellow. Splendid for cutting	50c	THOS. PARKIN —Light terra cotta. Extra choice..	35c
IBIS —A superb shade of deep orange.....	50c	VICTORY —Delicate rosy pink prettily suffused with white	50c
J. B. RIDING —Dark yellow with apricot shading....	35c	WALKURE —Rich golden yellow. Extra large flowers	50c
J. S. JACKSON —Rich blackish maroon.....	35c	WODAN —Enormous flowers. Old rose tinted gold..	50c
MANXMAN —Scarlet self shaded orange with purple tips	35c	WOLFGANG VON GOETHE —Apricot suffused carmine. Extra fine.....	50c
MILDRED JONES (H. & S.) —Similar in shape to Contrast. Flowers deep rich rose in color.....	50c	PERLE LYONNAISE —Magnificent pure white. Bifurcated petals	50c
M. INMAN —A grand long stemmed orange scarlet. One of the best of this shade.....	50c	SPECIAL OFFER One each of the above magnificent collection of Cactus Dahlias, comprising 37 varieties in all, for \$15.00.	
MR. A. P. HOWARD (H. & S.) —Rich crimson scarlet. Extra fine.....	50c		
MRS. H. SHOESMITH —An ultra refined pure white	35c		
MRS. H. E. COLLINS (H. & S.) —Rich salmon pink. A splendid variety.....	50c		



Mrs. Alfred Stern

SHOW DAHLIAS

We offer you a splendid collection of these old fashioned Dahlias. Although not so graceful in form as the cactus type, they are decidedly better keepers as cut flowers. The regular form of the blooms and the rich and varied colors prevalent in this type find many admirers. Of late years they have gained in popular favor, resulting in a constantly increasing demand for plants.

	Each
ANNIE MOORE—Dark velvety crimson.....	25c
CALEB POWERS—A delicate shell pink of splendid form	50c
JUNGFRAU—Snowy white	25c
DREER'S WHITE—Pure white.....	50c
DOROTHY PEACOCK—Bright shell pink. Large, perfect shaped flowers.....	50c
HUGH AUSTIN—Orange scarlet.....	35c
J. C. VAUGHAN—Bright yellow.....	35c
MAX DEEGAN—Rosy apricot and orange.....	35c
MRS. GLADSTONE—Silvery pink. One of the best	35c
MRS. SAUNDERS—Yellow tipped white.....	35c
PERFECTION—Orange and buff.....	35c
PURPLE GEM—Rich purple.....	35c
RUBY GEM—Rich ruby red.....	35c
SPITFIRE—Bright scarlet	35c
SUNSET—Yellow flaked with scarlet.....	35c

SPECIAL OFFER

One each of the above elegant varieties, 15 in all, comprising a selection of the best in cultivation, with a full range of colors, for \$4.50.

DECORATIVE DAHLIAS

These are the giants of the race. They are distinct in form from the other types. The petals are usually broad and flat and the blooms of mammoth proportions. One of the best classes for cut flower purposes and one of the most showy.

	Each
CROWN OF GOLD—Golden orange. Extra fine.....	50c
CRIMSON GIANT—Crimson red.....	50c
DELICE—Rosy pink. Extra choice.....	50c
ELY GUMBERT—Clear pink. Very double.....	35c
ETENDARD DE LYON—Giant carmine rose. We consider this one of the finest varieties for garden decoration	50c
FLAMINGO—A beautiful reddish rose pink.....	50c
MRS. SCHEIFF—Bright chamois with a faint orange suffusion	50c

	Each
GLOIRE LYONNAISE—A bright golden yellow, flamed with rosy carmine at the points. Very effective	50c
GIANT OF STUTTGART—Deep blood red.....	50c
HORTULANUS FIET—Shrimp pink tinted with yellow	75c
JEANNE CHARMET—Soft rosy pink, charmingly shaded	35c
JUNO—Maroon with crimson scarlet shading.....	35c
LA FRANCE—Delicate La France pink. Immense size	35c
LE GRANDE MANITOU—Striped and splashed purple on a rose ground.....	35c
MAD. A. LUMIERE—Purple and white.....	35c
MINNIE BURGLE—Pure rich scarlet. Extra fine. This variety won the gold medal at the P. P. I. E. at San Francisco in 1915.....	35c
MONT BLANC—Pure white. Medium size. Very good	35c
MRS. ROOSEVELT—Light pink.....	35c
MADONNA—Light silvery pink. Extra fine.....	75c
PROFESSOR MANSFIELD—Yellow and pink.....	50c
SOUV. DE GUSTAVE DOAZON—Rich fiery red. Immense size	35c
YELLOW COLOSSE—Gigantic pure yellow.....	35c

SPECIAL OFFER

One each of the above Decorative Dahlias, a collection par excellence, for \$8.00.

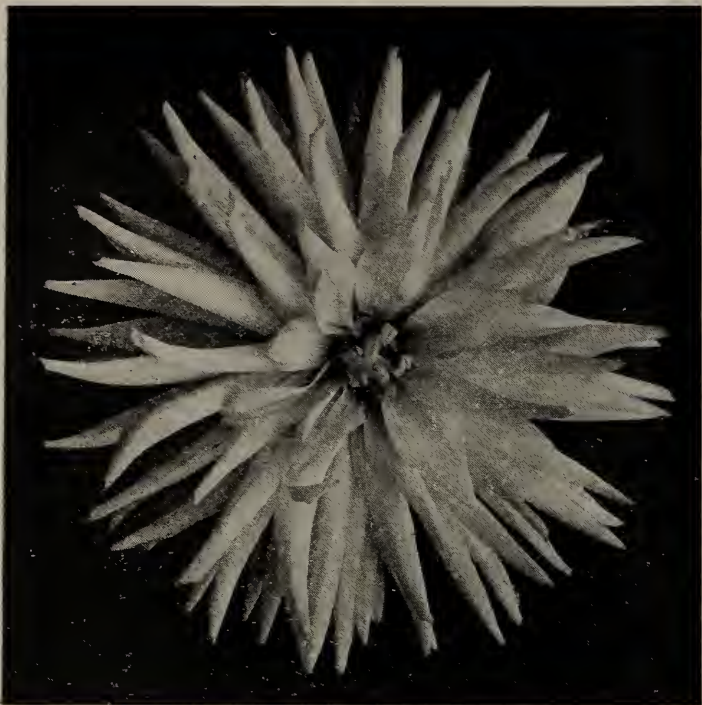
PAEONY FLOWERED DAHLIAS

A comparatively new class, which has strongly grown in popular favor within the last few years. Blossoms semi-double with large, wavy petals, informal in make-up. Exceedingly decorative in character. Highly recommended for cut flower purposes.

	Each
ADMIRATION—Rosy crimson with buff shading....	35c
A. C. IDE—Crimson. Very fine.....	35c
A. SCHUTTEVAER—White ground with lilac suffusion. Extra good.....	50c
BRONZE GEM—Bronze. Fine.....	50c
BARON G. DE GRANCY—Immense creamy white....	50c
COMTE DE LA PARX—Old rose, suffused gold.....	50c
CORALLINA—Rich carmine.....	50c
DR. K. W. VAN GORKUM—White, deeply shaded rose	35c



Mrs. Suzanne B. Holmes



New Dahlia Snowdrift

GEISHA—Scarlet and gold. Very fine.....	Each 50c
GOLDEN WEDDING—Golden yellow.....	50c
THE BRIDE—White. Very good.....	50c
No. 935—Snowy white. Extra fine.....	50c
No. 952—Orange scarlet, shaded yellow.....	50c
No. 967—Blackish maroon	50c
No. 990—Pure white ground striped and splashed violet purple	50c
No. 1002—Scarlet. Extra large.....	50c

SPECIAL OFFER

One each of the preceding Paeony Flowered Dahlias, comprising a splendid selection of all colors, for \$6.00.

CHOICE COLLARETTE DAHLIAS

A beautiful class of single Dahlias wherein the flowers have an additional row of small petals surrounding the central disc, giving a peculiar frilled appearance to the interior portion of the bloom. This so-called collarette is often distinct in color from the main petals of the bloom, offering a unique and pleasing contrast.

COMTE CHEREMETEFF—Deep vermillion and orange with white collarette.....	Each 35c
DUCHESS MILZE d'ERIL—Orange scarlet. Collarette white	35c
HARMA PAYNE—Wine crimson, collarette white....	35c
MAD. E. POIRIER—Rich purple, collarette white....	35c
MAD. GYGAX—Deep red, tipped yellow, collarette yellow	35c

SPECIAL OFFER

One strong root of each of the foregoing choice Collarette Dahlias for \$1.50.

POMPON DAHLIAS

These elegant small flowered Dahlias are really miniature forms of the large flowered Show Dahlias. The colors to be noted in the various sorts are particularly fresh and bright. They make elegant cut flowers, lasting a long time in water.

ARTHUR WEST—A deep rich crimson.....	Each 35c
CENTIFOLIA—Beautiful pink.....	50c
DARKNESS—Deep maroon	35c
DOUGLAS—Maroon	35c
FLORENCE—Yellow	35c

FLORA—Golden yellow.....	Each 35c
ISOBEL—Red	35c
JESSICA—Amber, edged with red.....	35c
LEILA—Reddish buff, tipped white.....	35c
MEPHISTO—Blackish maroon	35c
RED INDIAN—Deep scarlet.....	35c
ROSEA—Rose pink	35c
WHITE ASTER—White. Very fine.....	35c

SPECIAL OFFER

One each of the foregoing Pompon Dahlias, 13 in all, an unexcelled collection of this particular class, for \$4.00.

TWO GOOD SINGLE OR CENTURY DAHLIAS

BLUSH CENTURY—Blush pink.....	Each 35c
WILDFIRE—Bright fiery scarlet. Extra fine.....	35c

CULTURAL NOTE.—Dahlias are strong, vigorous growers and require a rich soil with abundant supplies of water during dry weather. The beds should be in a fully exposed sunny position, and should be well enriched with well rotted manure, dug deeply into the soil. Three feet is about the proper distance apart for planting.

In event that dry tubers are being planted, cover the crown with three or four inches of soil; in case green pot plants are being used, plant them one to two inches deeper in the soil than they were in the pots. It does not matter whether tubers or green plants are used in so far as their flowering during the current season is concerned. Green plants set out as late as July 1st make splendid flowering specimens the following Autumn.

As Dahlias attain a height of six feet or over in a single season, staking the plants is a matter of great importance. We have found that the best method is to drive the stakes before planting at the allotted distances the plants are to be set. Then carefully insert the plant or tuber in the soil close to the bottom of the stake.

The best size for stakes is one inch thick, two inches wide and seven feet long. They should be made of red-wood, as pine soon rots off. Drive them at least fifteen inches into the ground, as the full grown plants are very heavy and strong winds are liable to blow them over.

The young shoots must be tied to the stake as soon as they attain a foot in height. As the growth progresses tie at intervals of every eight or ten inches. The result will be a nice, straight specimen and an added neatness to the garden.



Perle Lyonnaise

CHRYSANTHEMUMS

A collection of these favorite Autumn flowering plants which is representative of the best varieties placed in commerce in recent years. The varieties offered are all of sterling quality. The newer varieties listed show decided advances in the way of form, size and color.

For the benefit of our customers we have segregated them as to color. The plants we offer are all propagated from vigorous soft wood top cuttings and grown on in two-inch pots. The plants will be ready for delivery about April 15th. As we handle a great number of these plants each season it would be advisable for customers to book their orders ahead of this date, as we often sell out early in the season.



Miss Maude Jeffries

JAPANESE TYPES
WHITE

ALGONAC—White, slightly incurved. High round- ing blossoms	Each 25c
ALICE ROOSEVELT—Incurved white flowers of excellent substance. Stems clothed with heavy foliage	25c
ANTIGONE—Immense pure white flowers. Very double. Plants invariably dwarf.....	25c
AUTOCRAT—Immense snow white blooms and ex- ceedingly fine foliage.....	25c
CRYSTAL GEM—A pure white incurved. One of the best varieties for flowering in October.....	35c
CHADWICK IMPROVED—A very desirable late flowering variety	25c
EARLY FROST—One of the earliest of the white flowering varieties	25c
FLORENCE DENZER—A good white variety.....	25c
JOSEPHINE FOLEY—An excellent pure white, suit- able for exhibition purposes. Flowers incurved with fine stem and foliage.....	35c
LA FUSION—A very desirable variety.....	35c
LYNNWOOD HALL—A splendid cut flower variety of immense size. Pure white.....	25c
MRS. R. OBERTHEUR—Pure white.....	35c
MAD. DIEDERICHS—Enormous flowers with most of the petals incurved. Creamy white. Very distinct	25c
MAD. SIMON JOSSIER—Large exhibition variety of French origin. Creamy white.....	25c
MLLE. JEANNE NONIN—Full globular blooms with regular incurved petals. As round as a ball and snowy white.....	25c

MISS MAUDE JEFFRIES—White variety, with fine foliage. A fine variety for commercial pur- poses. Dwarf	Each 25c
MISS NELLIE POCKETT—A superb variety from Australia. Petals long, drooping and interlaced. Flowers of great depth and breadth.....	25c
MRS. F. J. TRANTOR—Giant reflex blooms. Creamy white, occasionally penciled rose pink.....	25c
MRS. DAVID SYME—Pure white. Fine foliage. Dwarf	25c
MRS. S. J. REUTER—A beautiful pure white, very desirable	25c
OCONTO—A white incurved with rigid stem and perfect foliage	25c
PRESIDENT TAFT—Pure white Japanese incurved. Extra good stem and foliage.....	25c
PRESIDENT LOUBET—White with a faint tinge of pink. Enormous flowers composed of incurved and twisted petals.....	25c
THANKSGIVING QUEEN—Large creamy white. Comes just right for Thanksgiving.....	25c
WHITE CHIEFTAIN—A pure white sport of Chief- tain, quite as good as its parent.....	50c
WILLIAM TURNER—One of the most remarkable of all Chrysanthemums as to size, ten to twelve inch flowers on well grown plants being quite com- mon. Splendid for cutting.....	50c

SPECIAL OFFER
One each of the above White varieties for \$6.25.



Chieftain

JAPANESE TYPES	
YELLOW	
	Each
BESSIE GODFREY—A broad petaled canary yellow. Incurved	25c
COLONEL APPLETON—Enormous golden yellow flowers. A splendid exhibition variety.....	25c
DECEMBER GOLD—One of the best late yellows. Reaches perfection during December.....	25c
DONATILLO—Bright yellow, ball shaped. Foliage and stems extra good.....	25c
ETOILE DU NORD—One of the richest yellows in our collection. A grand golden yellow color.....	25c
F. S. VALLIS—Citron yellow. Petals twisted and reflexed	25c
GOLDEN EATON—A golden yellow sport from Timothy Eaton. A wonderful variety.....	25c
GOLDEN GLEAM—Bright, glistening golden yellow. Extra choice	50c
GOLDEN QUEEN—The best yellow for early October. Matures about the 10th. Incurved.....	50c
MARIGOLD—A yellow of unsurpassed beauty, both as regards size and color. Matures about October 20th	50c
MAJOR BONAFFON—Incurved yellow of regular formation. One of the best commercial varieties	25c
MAD. PAOLO RADAELLI—A very large yellow faintly tinted pink	25c
MAD. CHAMBRY—An exquisite yellow variety with fine foliage	25c
MRS. T. W. POCKETT—Deep canary yellow. Petals long and narrow. Very fine.....	25c
MRS. H. W. RIEMAN—A good yellow of unsurpassed beauty	25c
MRS. H. J. JONES—Rich deep yellow. True Japanese in form. Large size and tall growing.....	25c
MRS. R. C. PULLING—Clear bright in color and a flower of large size. One of the best varieties for exhibition pupposes	50c
MRS F. J. TAGGART—A grand late yellow.....	25c
MRS. HARRY EMMERTON—Bright amber yellow shading to straw yellow. Uniform shape of flower	25c
MONSIEUR PECHON—An enormous incurved golden yellow. Very double.....	25c
ODESSA—A wonderful incurved bright yellow. Tall growing and flowers of mammoth size.....	50c
RAMAPO—An extra good yellow with fine foliage right up to the flowers.....	25c
ROI d'ITALIE—One of the best of the older varieties. A grand yellow.....	25c



Silver King

	Each
S. A. NACEUR BEY—Deep yellow occasionally streaked red. A very good variety.....	25c
SOUVENIR de A. SCALARANDIS—Intensely bright golden yellow flower with heavily overlapping foliage. A wonderful variety.....	25c
TIGER—This variety was named by President Wilson. A very round and fine yellow with strong stem and good foliage. Very double.....	50c
WOODSIDE—A sensational variety. Flowers enormous. Color deep yellow. Fine stem and foliage	50c
YELLOW WM. TURNER—A yellow sport from the well known variety Wm. Turner, having all the good points of this variety.....	50c
YELLOW PRINCE—A peculiar shade of tawny orange	25c

SPECIAL OFFER

One each of the above yellow Chrysanthemums, a collection comprising 29 of the most select varieties, for \$7.50.

JAPANESE TYPES
PINK

	Each
A. J. BALFOUR—Bright rose. Extra large. Superb variety	25c
CHIEFTAIN—A very popular commercial pink. Extra good stems and foliage.....	25c
GOOD GRACIOUS—A splendid variety which throws fine large blooms. Petals long and narrow. Irregular incurving	25c
LADY HOPETOUN—Light pink. A beautifully formed bloom. Dwarf.....	25c
LAVENDER QUEEN—A very large reflexed lavender pink	25c
MEUDON—One of the best pinks in cultivation. Immense in size. Unsurpassed.....	50c
MLLE. MARIE LIGER—Brilliant pink. A fine large flower	25c
MLLE. JEANNE ROSETTE—Narrow quilled petals. Very double flowers. Soft pink in color.....	25c
MLLE. CLEMENTINE TOUSSET—A fine pink. One of the best of the older varieties.....	25c
MISS LUCY EVANS—A beautiful shade of heliotrope pink. Center petals incurved, outer petals reflexed	25c
MARQUISE DE PIERRES—Pink. An old favorite	25c
MONSIEUR LOISEAU ROUSSEAU—Deep pink. Fine habit. Large Foliage.....	25c
MRS. COOMBES—A pleasing shade of deep pink.....	25c



Meudon

	Each
MRS. G. G. MASON—A lovely pink. Fine exhibition variety	35c
PETITE MARCEL—An extremely narrow petaled variety. A dwarf grower.....	25c
SMITH'S SENSATION—A delicate shade of light pink, beautifully incurving in form. A fine exhibition variety	50c
T. RICHARDSON—An extra choice pink variety, with silvery reverse, form loosely incurved.....	25c
UNAKA—An exquisite pink.....	35c

SPECIAL OFFER

One each of above collection of pink Chrysanthemums for \$4.50.



Smith's Sensation

JAPANESE TYPES
RED

	Each
AMATEUR CONSEIL—Deep crimson. Reflexed and twisted petals	25c
ADELE GRISWOLD—Bright red in color. Fine stem with excellent foliage.....	25c
CALUMET—One of the very finest exhibition bronzes. Large blooms and perfect in form. One of the easiest growers.....	25c
EDGAR SANDERS—Bronze with lighter reverse. Extra large flowers. Fine heavy foliage.....	25c
F. T. QUITTENTON—Reflexing deep crimson red. Immense size	35c
INTENSITY—Red, bronze reverse. A very strong grower	25c
MAD. BRUANT—Reddish bronze incurved. A fine variety for exhibition.....	25c
MRS. O. H. KAHN—Bronze. Fine foliage.....	25c
MRS. J. A. MILLER—A large high built reddish bronze	25c
MRS. R. F. FELTON—Rosy terra cotta red.....	35c
MAD. L. ROUSEL—Bronze. Fine foliage.....	25c
WILLIAM R. MEREDITH—Dark crimson red with golden reverse. Fine foliage, good stem. An unusual color	25c
WILLIAM KLEINHEINZ—Immense red with golden reverse. Fine habit, large foliage. One of the best varieties.....	25c

SPECIAL OFFER

One each of the above red varieties, 13 in all, for \$3.00.

JAPANESE TYPES
PURPLE

	Each
EARL KITCHENER—Amaranth with silvery reverse. An enormous flower in a color not too plentiful in exhibition varieties. Stems, foliage and flower alike are perfect.....	35c
MR. T. CARRINGTON—Rosy purple with silvery reverse. Good foliage, fine stems, and large blooms	25c
MONS. ANTONIN MARMONTEL—Rosy purple. Enormous exhibition variety.....	25c

SPECIAL OFFER

One each of the above purple varieties for 75c.

SINGLE VARIETIES

DONALD—An exquisite variety.....	25c
DOROTHY DUGGAN—One of the best of the whites	25c
EXCELSIOR—A superb sort. Opening blossoms scarlet, changing to bronze and flame color. Very large	25c
ELSA—Snowy white with highly contrasting golden yellow center	25c
IRENE—Deep lavender with distinct white zone around center disc.....	25c
LEON GRANT—A pleasing shade of rosy pink.....	25c
MARION SUTHERLAND—Very large yellow. Double row of petals. Brilliant and attractive.....	25c
MISS CLARA BANGHART—A distinct and beautiful red	25c
MRS. H. HOGBEN—Orange bronze. Charming color for table decoration and has every other desirable attribute. Medium height and growth.....	25c
MRS. WM. BUCKINGHAM—Midseason pink. Has proved itself one of the best varieties for cutting or market purposes ever introduced. We cannot too strongly recommend this variety.....	25c
MRS. LOU THOMPSON—A beautiful primrose yellow	25c
R. B. BURGE—Pure snowy white.....	25c
YVONNE—Brilliant bronze amber.....	25c

SPECIAL OFFER

One each of the above Single Chrysanthemums for \$2.75.

ANEMONE-FLOWERED VARIETIES

EUGENE LANGAULET—Deep golden yellow in color, coming in just in time for Thanksgiving Day. One of the best of the anemone flowered varieties	25c
KATHERINE SIMMONS—Soft pink guard petals, yellow center	25c
MRS. F. J. GORDON DEXTER—Center pink, two rows of ray petals	25c
MISS IDA KROESCHELL—Yellow. A very fine variety	25c
SATISFACTO—Old gold and yellow.....	25c
WESTERN BEAUTY—One of the finest of all deep rose colored varieties	25c

SPECIAL OFFER

One each of the above Anemone Flowered varieties for \$1.25.

POMPON VARIETIES

GOLDENWEST—An elegant golden yellow.....	25c
GOLDEN CLIMAX—One of the very best. A pleasing shade of bright yellow.....	25c
LUCY—A distinct and beautiful yellow. Extra fine for cutting purposes.....	25c
MARY—An exquisite shade of pink.....	25c
RITA—Very dark red.....	25c

SPECIAL OFFER

One each of the above Pompon varieties for \$1.00.

PHLOX

These old fashioned plants in their new and improved types make one of the most imposing displays of color that it is possible to obtain in the garden. A remarkable thing in regard to Phlox is that there is not a state in the Union in which they will not grow and thrive. They withstand heat and extremes of cold, and with the return of each Spring and Summer there is a wonderful display of their handsome heads of bloom.

We grow each season an immense quantity of Phlox and have ready for Spring delivery a grand lot of one year old clumps which, if planted in your garden during the current season, will furnish a bountiful show of flowers the ensuing Summer. From January until April Phlox can be planted in a dormant or bare root condition. For this reason they pack lightly and can be shipped to distant points at very small expense.

A CHOICE ASSORTMENT OF THE BEST VARIETIES IN CULTIVATION

FOUR CHOICE NEW VARIETIES		Each
B. COMTE—A splendid shade of crimson purple.....	25c	
RHEINLANDER—Beautiful salmon-pink with flowers and trusses of immense size.....	25c	
WANADIS—Entirely distinct. Lavender blue, mottled violet and white.....	25c	
W. C. EGAN—A pleasing shade of soft pink. One of the largest flowered varieties in cultivation.....	25c	
GENERAL COLLECTION		
ALBION—Pure white with a faint aniline red eye....	20c	
BRIDESMAID—Pure white with crimson eye.....	20c	
COQUELICOT—Bright scarlet. Fine variety.....	20c	
ELIZABETH CAMPBELL—Beautiful light pink.....	25c	
EUROPA—White with small dark eye. Extra large	25c	
F. G. VON LASSEBURG—Enormous pure white.....	25c	
GEORGE A STROHLEIN—A grand scarlet.....	25c	
GENERAL VON HEUTZ—Bright orange salmon.....	25c	
HERVOR—Rose with white eye.....	25c	
HELEN VACARESCO—Dwarf pure white.....	25c	
HENRI REGNAULT—Immense purple.....	20c	
INSPECTOR ELPEL—Pale rose with dark eye.....	25c	
LOTHAIR—Dark salmon with carmine eye.....	25c	
MRS. JENKINS—Tall pure white. Extra fine.....	25c	
MRS. ROBINSON—Pure salmon.....	25c	
MAD. M. KUPPENHEIM—Dwarf, pure white.....		
MAD. PAUL DUTRIE—Flesh pink on white ground	25c	
REICHENAU—Very large pure rose.....	25c	
PANTHEON—Beautiful rose pink.....	25c	
PROF. SCHEILEMANN—Lilac rose.....	20c	
PROF. VIRCHOW—White, shading to crimson.....	25c	
RHEINGAU—White with rayed carmine eye.....	25c	
ROSENBERG—Wine red	25c	
RYNSTROM—Extra choice soft pink.....	25c	
SELMA—Pale rose with dark center.....	25c	
SIEBOLD—Bright scarlet	25c	
VESUVIUS—Fiery red	25c	
V. HOCKBERG—Rich deep crimson.....	25c	
ZOUAVE—Carmine, very fine.....	25c	

NOTE—We call our customers attention to the particularly strong character of the clumps of Phlox which we send out. The crowns are extra strong and possess an abundant root action.

SPECIAL OFFER

One each of the above 33 choice varieties of perennial Phlox for \$7.00. Any 12, customer's selection, for \$2.75.



A FIELD VIEW OF PHLOX AT OUR MONTEBELLO GROUNDS



A FIELD OF CANNAS AT OUR NURSERIES

CANNAS

For rich, sub-tropical garden effects, used in conjunction with grasses, etc., such as Cyperus, Papyrus, Eulalias, Crimson Fountain Grass or Caladiums, Cannas can scarcely be excelled. They bloom without intermission from early Summer until the advent of Winter frosts.

We devote several acres of ground each season to their culture and have limited our collection to the very best which are on the market today. Aside from securing from all sources the latest and best novelties and subjecting them to rigid tests before distributing them to our customers, we have added some exceedingly fine seedlings of our own raising.

VARIETIES OF SPECIAL MERIT

	Each
AMERICAN BEAUTY (H&S) —A splendid hybrid of our own production. Color a deep shade of carmine rose of a particularly pleasing and unique shade. Size of both trusses and individual flowers enormous with the advantage that it cleans nicely in the truss	50c
BRIGHTNESS (H&S) —Intense orange scarlet. Flowers of magnificent size and intensely brilliant color. One of the finest bedding Cannas extant....	50c
CHARLES LUTZ —A lovely shade of pure yellow....	35c
FAISANDORE —Bronze foliage, flowers a beautiful apricot carmine color with a golden sheen.....	35c
GUSTAVE GUMPPER —Deep rich golden yellow without a trace of any other color. This is one of the finest yellow Cannas in cultivation.....	35c
LA FRANCE (H&S) —A magnificent Canna in every way. Tall growing with immense flowers and trusses of a clean even shade of pure pink. One of the finest things in our collection.....	50c
OISEAU d'OR (GOLDBIRD) —A beautiful shade of soft Canary yellow. The immense flowers are borne in large trusses above the very heavy green foliage	50c
QUEEN HELEN (YELLOW KING HUMBERT) —A splendid new Canna, a sport from that well known variety King Humbert, but differing entirely in color. The flowers are of enormous size, and of a deep rich yellow color, handsomely spotted with dark scarlet over their entire surface. The foliage, unlike that of King Humbert, is bright green. The plant attains a height of six or seven feet. The tremendous size of its flowers, trusses, and character of growth make it easily one of the most impressive of all the new varieties.....	50c
SAN DIEGO —This new variety is a distinct shade of burnt orange. The individual heads and trusses are of immense size and the trusses clean nicely. It is quite a new color in Cannas and one, when it becomes better known, will undoubtedly be in great demand	50c

SPECIAL OFFER

One each of the above superb varieties of new Cannas for \$3.50.

GENERAL COLLECTION

	Each
ALFRED MAUTHER —Deep crimson red. One of the best	25c
COMTESSE DE BRETEUIL —A lovely shade of rose	25c
EVOLUTION —Salmon apricot color. A fine variety	25c
FIREBIRD —Intense bright scarlet. Flowers enormous in size, eight-inch blossoms being quite common	35c
HUNGARIA —Delicate rose pink. A gem in every way	25c
HERZOG VON OTRANTE —Yellow with center of bloom deep brownish crimson.....	25c
KING HUMBERT —A bronze foliaged variety with reddish scarlet flowers. Enormous in size and a great favorite	25c
LUDWIG KOPF —Bronze foliage. Flowers a beautiful orange and apricot color.....	25c
MRS. GEO. STROHLEIN —A fine deep crimson.....	25c
MRS. A. F. CONRAD —Pure salmon pink with very fine foliage	25c
MRS. KATE GRAY —Magnificent orange scarlet, overlaid with gold.....	25c
MAD. SIEBRECHT —Yellow, penciled brownish scarlet	25c
NEW YORK —Bronze foliage, carmine flowers, shaded crimson	25c
OLYMPE —Rich carmine rose, shading lighter towards the center.....	35c
PRINCE WEID —Rich brilliant crimson.....	25c
RICHARD WALLACE —Bright canary yellow.....	25c
ROSEA GIGANTEA —A pretty shade of carmine rose	25c
STUTTGARTIA —Orange scarlet, edged golden yellow, marbled light scarlet.....	35c
UNCLE SAM —Extra large flowers, bright scarlet. Orchid type	25c
VENUS —Charming bright rose pink.....	25c
WINTZER'S COLOSSAL —Enormous vivid scarlet flowers	25c

SPECIAL OFFER

One each of the above 21 choice standard varieties of Cannas, an unequalled collection, for \$4.50.

HYDRANGEAS

It is with pleasure that we direct the attention of our customers to the splendid collection of Hydrangeas noted below. With the exception of the variety Otaksa they are all new hybrids of French origin and have created a sensation wherever they have been shown. Until the advent of these new hybrids the colors in Hydrangeas were confined to either pink or white, whereas in this new set an immense range of charming colors have been added. The trusses and blooms of nearly all of the sorts are of phenomenal size.

The fact that Hydrangeas thrive in shady places makes them especially valuable in north borders, etc., where only too often it is difficult to obtain definite or permanent color effects.

AVALANCHE—A superb variety with immense panicles of pure white flowers.

BOUQUET ROSE—Rich pink turning to bright pink.

BOTANISTE PELTEREAU—A pretty shade of mauve rose.

FRAICHEUR—White with dainty suffusion of rose.

INNOCENCE—A splendid compact growing variety. Pure white. Trusses of medium size.

LA LORRAINE—Pale rose turning to bright pink.

MLLE. DE TREMAULT—A Pure white of distinct form. Extra good.

MLLE. AGNES BARILLET—One of the earliest blooming whites. Very refined form.

MLLE. RENEE GAILLARD—Pure white with fringed florets.

MAD RAYMOND—White passing to rose.

MAD. E. MOUILLERE—A variety with trusses and individual florets of phenomenal size. White occasionally tinted with pink.

MAD. M. HAMAR—A superb shade of delicate blush rose.

MAD. A. RIVERAIN—Brilliant blush rose.

MOUSSELINE—Very large trusses. Light pink with cream colored center.

MONS. G. RENAULT—Bright rose with carmine reflex.

ORNAMENT—Extra large flowers. Mauve pink.

RADIANT—Rich rosy carmine.

SOUV. DE MAD. E. CHAUTARD—A free blooming and very early pink variety.

SENATEUR HENRI DAVID—Superb flowers of delicate pale rose color.

VIEUX CHATEAU—White with suffusion of rosy carmine.

VISCOUNTESS DE VIBRAYE—Rosy pink.

OTAKSA MONTROSA—One of the older varieties. Always good. Color blush pink. Trusses extra large.

PRICE of any of the foregoing varieties, strong young plants from four inch pots. Each 50c; per doz. \$5.00

LANTANAS

The dwarf types of Lantanas are so extremely useful as bedding plants that each season sees an increased demand for them. In these new and improved varieties the trusses are not only much larger than those of the older climbing sorts, but the neat compact plants are always covered with bloom. They rarely exceed twelve inches in height. Will not stand much frost. Highly recommended for warm, sunny positions.

A SUPERB VARIETY

ROSE QUEEN—A superb new sort of our own raising. Plants extremely dwarf in nature, rarely exceeding one foot in height, and are in constant bloom from late spring until November. The color is a pleasing shade of rose with a distinct white eye. Trusses exceedingly large. Wonderfully free flowering. Each 20c; per dozen \$2.00.

GENERAL COLLECTION OF STANDARD DWARF SORTS

AMIEL—Red shaded to orange.

CRUSALLIS—Bright orange yellow.

CICERONE—Old gold and copper.

IOLANDE—Burnt orange and red.

JANNIA—A pleasing soft pink.

FARFADET—Orange and copper.

RADIATION—Rich red.

SNOW QUEEN—Pure white.

SERAPHINE—Rose pink merging to orange.

TETHYS—Sulphur yellow.

Price of standard varieties: Each 15c; per dozen \$1.50; per 100 \$10.00.

LANTANA DELICATISSIMA—The well known trailing Lantana. Covered with myriads of beautiful lavender pink flowers. Ideal for basket work or as a ground cover in warm, sunny locations. Each 10c; per doz. \$1.00.

HELIOTROPE

The varieties of Heliotrope which we offer you below comprise a splendid range of colors and belong to the giant flowered class. The trusses in well grown plants often attain a foot in diameter. They are splendid for sunny beds. The delicate color of the blossoms combined with the dwarf compact habit of the plants renders these varieties of special value.

CENTEFLEUR—Trusses of enormous size, dark rich violet in color.

LUEUR d'OPALE—A superb shade of pale blue. Trusses of extraordinary size.

MADAM BRUANT—A distinct shade of light purple, of splendid dwarf habit.

SNOW WREATH—The best of all pure white Heliotropes. The trusses of bloom show a lavender suffusion.

TALL DARK—Rich deep purple flowers. A very vigorous tall growing variety.

Fine strong plants from four inch pots of any of the above. Each 25c; per dozen \$2.50.



Carnation "Matchless," the Peer of All White Varieties

CARNATIONS

The refined form, the exquisite fragrance and the free blooming qualities of the Carnation place it in a position which in popular favor is second only to the rose. Carnations can be grown with ease in any garden with the simplest methods of culture. They blossom almost without intermission throughout the year, furnishing at all times a bountiful supply of fragrant blooms.

In very cold sections it is necessary to carry them through the winter under glass. In localities, however, like California or the Southern States, they can be grown in the open ground without danger of freezing.

Included in the following collection are not only the best standard varieties but some exceedingly fine seedlings of our own production as well.

ALICE—An immense bloom of beautiful rose pink shade. Not unlike Enchantress in habit.

BENORA—A splendid fancy variety. White penciled with deep rosy scarlet.

DR. CHOATE—A splendid variety for cutting purposes. Strongly clove scented. Medium size scarlet flowers.

ESTELLE—Deep reddish scarlet. Extra choice.

E. K. HARVEY (H&S)—White beautifully overlaid and mottled with pink.

ENCHANTRESS—Enormous shell pink flowers.

FAIR MAID—Soft apple blossom pink flowers, deeply fringed. Very fragrant.

HALOWARDEN—Rich crimson maroon. Deliciously fragrant.

MATCHLESS—(See cut)—Unquestionably the finest of all pure white Carnations. Remarkable alike for its immense size and vigorous growth.

MRS. C. W. WARD—A very large flowered variety with perfect calyx and dark rosy pink flowers.

PROSPERITY—White stained with carmine.

PURITY—A very large flower, deeply fringed, snowy white. Quite distinct in character and growth from Matchless.

ROOSEVELT—Rich crimson maroon. Not unlike the color to be noted in the old fashioned clove pink. Intensely fragrant.

WHITE ENCHANTRESS—An exact replica of the pink form with immense snowy white blossoms.

WHITE FAIR MAID—A deliciously fragrant white sport of Fair Maid.

YELLOW PRINCE—The finest pure yellow Carnation in cultivation. Flowers extra large.

PRICE of any of the above varieties, fine pot grown plants ready March 1st. Each 15c; per dozen \$1.50.

CULTURE NOTE—Carnations prefer a deep loamy soil which has been well enriched with rotted manure. The position for the beds should be in full sun away from buildings where the refracted sun's rays burn and destroy the beauty of the flowers. Plant in rows two and one-half feet apart, with the plants fifteen inches apart in the row. This arrangement allows for liberal cultivation and of irrigation by small trenches along both sides of the row. They do far better under this system of watering than when sprinkled, the flowers do not become spotted and the plants grow vigorously.

To obtain the largest sized blooms, remove when quite small all the lateral buds, leaving only the terminal. This takes the entire sap flow of the stem and results in much finer flowers.

The time for the propagation of Carnations is during the months of October, November and December, and the plants propagated at the above mentioned period are usually ready for delivery on or about the first of March. We can supply the plants either as two-inch pot plants at the time above noted, or in larger size stock ready to plant out during May and June.

The life of a Carnation plant is about two years. After this they become hard and woody. We recommend that our customers make fresh planting either each season or every other season. If the plants are placed in the ground at any time from March to the end of June an abundant Fall and Winter crop of flowers may be depended upon.

Important Note—Carnation Plants will be ready for delivery about March 1st. They will be strong well rooted plants from two-inch pots.

PELARGONIUMS

Pelargoniums, or "Lady Washington Geraniums," as they are commonly called, are among the most beautiful of our Summer and Fall flowering plants. They offer a rich and varied assortment of colors or combination of colors, and the ease with which they may be grown should recommend them to everyone.

There is a constantly growing demand for good Pelargoniums, and the collection we offer includes some of the finest varieties now in commerce. They are free blooming and large flowered. They make elegant specimens when well grown in pots, and if carefully pinched out, so as to make spherical plants, they rival Azaleas in beauty.

The new set which we have the pleasure of offering for this season represents some of the loveliest varieties ever produced. The plants are of splendid compact habit; flowers and trusses of phenomenal size, comprising a series of colors which are not only new but of matchless beauty.

NEW OR SCARCE VARIETIES

	Each
ANNA RUDLOFF—Dark red with immense black blotches. A superb variety.....	35c
ANDENKEN AN LONDON—Reddish scarlet, center white, upper petals blotched black.....	35c
ANDENKEN AN MOSCOW—Deep rich purple, each of the petals marked with black blotches. A remarkable variety.....	35c
BALKONIGEN—An immense flowered, light rose colored variety. Extra fine.....	35c
CORNELIE—Soft rose, white at center with distinct maroon blotches.....	35c
CARL HOLZMAN—Deep scarlet, upper petals handsomely blotched with black.....	35c
F.H. HOWARD—Dark reddish scarlet with conspicuous black blotches on the upper petals.....	35c
J. TOPFER—Compact growing variety. Flowers red with outer edges of petals white.....	35c
ILLA—Salmon rose handsomely blotched on the upper petals	35c
KATE BORNEMANN—White daintily overlaid salmon pink, blotched rich crimson. A superb sort	35c
MRS. KRUMB—Pale soft rose, upper petals blotched deep purplish red.....	35c
MISS SAUNDERS—Snowy white with two upper petals blotched rich purplish crimson. A striking sort	35c
MARTHA BURGER—Bright salmon rose. Compact growing and remarkably free blooming.....	35c
MONTEBELLO—Delicate pink blotched with white.....	35c
OLYMPE—A remarkably free blooming giant white sort	35c
PROFESSOR CORRENS—Without doubt one of the largest flowered Pelargoniums grown. Blossoms are of immense size, deep rose in color, all of the upper petals being blotched black.....	35c

	Each
PETER HOSER—Fiery brick red with black blotches	35c
PAULINE SHROETER—Deep rosy carmine with dark blotches	35c
VOLANTE NATIONALE ALBA—A grand pure white variety	35c
YSENBURG—Light red with white center, petals edged with white, dotted white over the entire surface of the flowers. A remarkable variety.....	35c
Price per doz. of any of the above superb sorts, \$3.50.	
Special offer: One of each twenty varieties in all for \$6.00.	

OLDER STANDARD VARIETIES

ANITA—Center of flowers white, margined bright rose. Upper petals feathered dark crimson.....	A gem.
BERTHA WAGNER—Deep carmine rose. Edges of the petals white.	
BLUE MABEL—Dark carmine with velvety black blotches.	
DUCHESS OF CORNWALL—Large flowered, deep purple maroon.	
DUCHESS OF WESTMINSTER—Pink and white with crimson blotches.	
JOHN MARTIN—A free blooming variety, light purplish maroon in color.	
LORD CLYDE—White veined and flushed light purple.	
MRS. E. H. CHILDS—A splendid variety with deep rosy pink flowers, the color being uniform throughout.	
MAD. THIBAUT—Pink with white shading. Extra large.	
MABEL—Upper petals maroon, lower ones bright rose.	
PRICE of any of the foregoing older sorts: Each 30c; per dozen \$3.00.	

FUCHSIAS

The collection of Fuchsias which we offer below is second in quality to none in America. They are varieties which we have gathered from all sources and will be found not only distinct in character but remarkable for the enormous size of the individual blossoms and their splendid free blooming habit.

Fuchsias do well in any protected North border and bloom in great profusion during the warm months of the year. They should have a well prepared bed which has been thoroughly enriched with well rotted manure and copious supplies of water during hot weather.

A SUPERB COLLECTION OF DOUBLE VARIETIES

	Each		Each
ANDRE LE NOSTRE—A superb, large flowered, free blooming variety, very double. The corolla is a beautiful shade of prune blue.....	35c	PAUL CAMBON—Carmine red sepals. Bluish purple corolla	35c
BARON KETTELER—A giant flowered, deep, rich purple variety with distinct scarlet sepals.....	35c	RENAULT MORLIERE—Deep prune color. Enormous flowers	35c
BERANGER—Dark purplish blue with distinct red sepals. Very fine.....	35c	ROSE PHENOMENAL—A superb shade of rosy lavender. A gem	35c
DIAMANT—A superb white variety, the corolla being streaked with rosy carmine. Enormous flowers	35c	SYLVIA—One of the grandest Fuchsias extant. Corolla pure white and extra long. Sepals scarlet.....	35c
DR. BEHRING—Bluish purple corolla. Sepals pink. A superb variety.....	35c	TORPILLEUR—Corolla flesh with distinct shading of rose. Sepals red.....	35c
DOLLAR PRINCESS—Corolla purple, sepals pink. Very free blooming.....	35c	YVES DELAGE—Corolla prune color. Sepals wine red	35c
EMILE LAURENT—Rose with handsome white corolla. Clear rose sepals.....	35c		
GENERAL D'AMADE—Corolla dark rosy pink. Sepals pink. Extra large.....	35c		
GENERAL DRUDE—A grand, double, pure white variety	35c		
G. PORTESI—Violet blue with veinings of scarlet in the corolla.....	35c		
GRAPHIC—Deep violet purple. Sepals scarlet.....	35c		
JARRY DESLOGES—White with distinct shading of rosy carmine at base of petals.....	35c		
JULIETTE ADAMS—A remarkably free flowering double white. Quite distinct from other whites of this set.....	35c		
LE ROBUSTE—Violet blue veined with dark rose..	35c		
LUCIEN DANIEL—A superb shade of lavender mauve. Sepals light red. Extra choice.....	35c		
MRS. GLADSTONE—Enormous flowers. Corolla pure purple, sepals wine red.....	35c		
MONSIEUR LEQUET—An ultra refined pure double white. Very distinct.....	35c		
MONSIEUR MORLIERE—Giant violet purple.....	35c		
PYTHAGORE—Dark red sepals. Large, handsome violet colored corolla.....	35c		

CHOICE SINGLE VARIETIES

BLACK PRINCE—Rich rose colored corolla with scarlet sepals	35c
ELSA—Corolla rosy purple, sepals rose color.....	35c
SENSATION—Corolla rose pink tinted with violet. Carmine red sepals.....	35c
SOUVENIR DE HENRY HENKLE—A hybrid of the triphylla class with blossoms some three inches long borne in clusters. Large, prune colored foliage	35c
SWANLEY YELLOW—A beautiful single variety similar in form to the preceding, with extra long tube and spreading sepals. A distinct shade of orange red. Very fine.....	35c

NOTE—Although to many of our customers the color descriptions as applied to the above Fuchsias will seem more or less alike, we desire to state that all of the varieties are quite distinct in form and character. Regardless of which varieties you may select, you can absolutely depend upon getting varieties which are the choicest in commerce today. The plants are especially fine, well grown stock in three and four inch pots. In addition to this size we have specimens in eight-inch pots of the entire collection at \$1.00 each. Those who desire large plants for immediate effect will find the large size plants of splendid quality.

BABY FUCHSIAS

These so-called Baby Fuchsias are handsome miniature flowered forms resulting from crosses made between Fuchsia Riccartoni and some of the larger flowered types. They are very vigorous growers and in the southern sections of California often attain a height of eight to ten feet when planted in the open ground. They produce a wonderful profusion of small dainty flowers that completely cover the plants. If planted in North borders as a background they are of superb effect. We secured these varieties from France, where they are exceedingly popular for the purposes above mentioned. They are of splendid use also, if planted in tubs or pots, as porch plants. We are only giving short description of these varieties, but all are distinct either as to form or color.

	Each		Each
BEAUMARCHAIS—Purple	35c	MICROPHYLLA—Rose pink	35c
CARMEN—Violet	35c	MRS. ALICE HOFFMAN—Clear white.....	35c
ELYSEE—Rose pink and white.....	35c	MRS. JOSEPHINE FRANKENFIELD—White.....	35c
FLORIAN—Purple	35c	NESTOR—Royal purple.....	35c
L'ENFANT PRODIGUE—Violet purple.....	35c	RONSARD—Violet	35c
MINOS—Dark purple	35c	RICCARTONII—Bluish purple.....	35c
		TELEGRAPH—Purple	35c

GERANIUMS

The zonal Pelargoniums or Geraniums, as they are more commonly called, are of so much value as flowering decorative plants almost throughout the entire year that they commend themselves to all who possess a garden and who enjoy the superb stretches of color obtainable with them.

There are but few plants grown which offer such an uninterrupted display of bloom over an extended period. The newer and improved types are exceedingly fine and where given the most ordinary attention they may be depended upon to produce unbroken sheets of color from early Spring to late Autumn.

There is a growing demand at the present time for good Geraniums and in the list of varieties which we offer you will be found a selection of the choicest kinds in cultivation today.

A CHOICE COLLECTION OF THE BEST SINGLE TYPES

These Are the Varieties We Recommend for Bedding

	Each.	Dozen.
ALICE OF VINCENNES—A splendid variety. Pure white merging through carmine rose to intense scarlet at the outer edges of the petals.....	\$.15	\$1.50
CRABBE—A mammoth flowered variety. In color a beautiful shade of salmon pink. Remarkable for its gigantic trusses.....	.15	1.50
CERISE—A superb rose color with suffusion of orange. An ideal bedding variety.....	.15	1.50
COUNTESS OF JERSEY—A lovely new single Geranium of beautiful salmon pink tone with distinct white eye.....	.20	2.00
DR. CONDAMY—Brilliant scarlet shading to violet, center pure white.....	.15	1.50
EMILE ZOLA—One of the finest of all the zonal Geraniums. Trusses and flowers of phenomenal size with blooms beautifully rounded. Dwarf in growth. Color salmon with orange shading.....	.20	2.00
FRED BEAN—Bright salmon pink. Remarkable for its immense blooms and splendid free blooming qualities.....	.15	1.50
GERTRUDE PEARSON — Unquestionably one of the finest of all pink Geraniums for bedding purposes. In color pure rose pink with large white eye.....	.15	1.50
GENERAL LEONARD WOOD—Center of flowers white, edges broadly banded with rosy carmine. A splendid variety.....	.15	1.50
HERRICK—A dwarf growing, compact habit variety. Flowers intense scarlet. A splendid bedder .....	.15	1.50
JACQUERIE—Probably the finest dark crimson single Geranium in existence. The mammoth flowers are ideal in form and have that rich, velvety crimson scarlet color that is admired by every one. For bedding it is unsurpassed.....	.15	1.50

	Each.	Dozen.
JOHN FORBES—Bright orange scarlet with immense circular flowers and gigantic trusses. The growth is dwarf and bushy....	\$.15	\$1.50
L'AUBE—Unquestionably one of the finest of all single white Geraniums. Immense trusses of bloom. Color pure snowy white..	.15	1.50
MARY SEATON—Large flowered, scarlet, with distinct white eye.....	.15	1.50
MARY STEWART—Bright crimson with scarlet shading .....	.15	1.50
PAUL CRAMPBEL—Generally recognized as one of the best of all the bright scarlet varieties. A splendid bedder, with enormous trusses of flowers freely produced on dwarf, compact plants.....	.15	1.50
PRESIDENT McKINLEY—Purplish crimson. Flowers exceedingly large.....	.15	1.50
PIERRE VEBER—Center of the flower white gradually merging to violet purple..	.15	1.50
RENOMME LYONAISE—A splendid fancy Geranium, white with suffusion of rose.....	.15	1.50
RENE BOYSLEVRE—White at the center, shading to scarlet and violet at the edges of the petals.....	.15	1.50
SNOWDROP—A splendid bedding variety. Pure white. Very large trusses. A constant and abundant bloomer.....	.15	1.50
SALMON PAUL CRAMPBEL—A salmon pink sport from the well known scarlet variety. Produces large flowers and gigantic trusses. A splendid addition to the list of select bedding varieties.....	.20	2.00

NOTE—Owing to the fact that the petals of the double flowering types of Geranium fail to clear or drop to the ground, but dry up in the trusses and thereby give the plants an exceedingly unsightly appearance, we have, with the exception of a few varieties, discontinued the growing of this section of Zonal Geraniums. Singles are far better for bedding, are more floriferous and the trusses clean nicely. Ivy Geraniums, although mostly double, have not the faulty habit noted in the double type, and consequently are equally as good for bedding as the single varieties.

IVY LEAVED GERANIUMS

A collection of the finest varieties in cultivation including many of the newer kinds as well as the better standard sorts. Ivy Leaved Geraniums are particularly adaptable for window boxes on account of their trailing habit, or they may be used in any position where a trailing flowering plant is desired. They are of excellent value for bedding purposes, particularly on banks, terraces, etc.

	Each	Per doz.
CARLOS UHDEN—A magnificent variety, quite double and a superb shade of bright, rosy scarlet	\$.15	\$1.50
CHARLES TURNER—The best known of all Ivy Geraniums and for all around purposes one of the most useful. Deep bright rosy pink in color, with very large flowers. When used as a bedder it produces a sheet of color .....	.15	1.50
CHARLES MONSELET—Deep, rosy red, upper petals nicely marked. Fine large trusses on long, stiff stems. Free grower and very abundant bloomer	\$.15	\$1.50
COLONEL BADEN-POWELL—Pearly white with blush tints. A remarkable break in this class of Geraniums. Flowers of immense size .....	.15	1.50
ETINCELANT—One of the finest bright colored Ivy Geraniums ever raised. Color intense orange scarlet. Flowers extra large..	.15	1.50



ONE OF OUR PROPAGATING HOUSES AT MONTEBELLO

	Each.	Dozen.
GRINGOIRE—A flower of superb size and splendid trusses. Color bright rosy carmine..	\$.15	\$1.50
INCOMPARABLE—A splendid shade of rosy carmine. Free blooming.....	.15	1.50
HIS MAJESTY THE KING—Soft rosy scarlet. Very double and of splendid form.....	.15	1.50
LEOPARD—A unique variety. Color lavender pink, blotched crimson on the upper petals	1.5	1.50
LA FOUDRE—Brilliant orange scarlet. Extra large double blooms.....	.15	1.50
MRS. H. J. JONES—Carmine, rose feathered maroon on the upper petals.....	.15	1.50
PELADAN—Bright salmon pink, penciled maroon .....	.15	1.50
RYECROFT SURPRISE—A splendid variety for hanging baskets. Color soft peach pink .....	.15	1.50
SABRINA—Light scarlet, semi-double and a very free bloomer.....	.15	1.50
THE BLUSH—Pure white, faintly tinted rose at the center.....	.15	1.50

	Each.	Dozen.
WILLY—An extra good bright scarlet.....	\$.15	\$1.50

DOUBLE GERANIUMS

BEAUTE POITEVINE—A beautiful type of semi-double Geraniums. Exquisite salmon pink flowers. Very large.....	\$.15	\$1.50
DE QUIRELLE—Violet purple, slightly marked white .....	.15	1.50
JEAN VIAUD—Rosy pink with white center .....	.15	1.50
LA PILOT—An old variety, but probably one of the most intense scarlet Geraniums ever produced. Blossoms of medium size borne in immense trusses. Highly recommended .....	.15	1.50
MAD. LANDRY—Clear salmon, center shading to copper, with white eye.....	.15	1.50
M. CONOVAS—A superb dark crimson scarlet .....	.15	1.50
THOS. MEEHAN—Bright pink, upper petals stained orange .....	.15	1.50
TRIOMPHE DE NANCY—Carmine red with white center .....	.15	1.50

VERBENAS

There are but few plants more desirable for bedding purposes than Verbenas. They produce a bright and lasting mass of color through the major portion of the year. You will find the named varieties to be noted below exceedingly choice. They are all of the mammoth flowered class with individual blossoms and trusses of enormous size.

We would particularly call your attention to our two new varieties, "Crimson King" and "Scarlet Queen." These two varieties offer a distinct advance over any other Verbenas. They are the result of a series of crosses made at our Montebello trial grounds. There is nothing in existence to equal them for size, beauty of color or free blooming qualities. They are superb for bedding purposes and blossom right through the season.

	Each.	Dozen.
CRIMSON KING (H. & S.)—The largest flowered Verbena in existence. The individual flowers in the truss will cover a half dollar. It has a color unequaled by any other Verbena we have ever seen, being one of those deep, glorious crimsons that catches the eye at once. It is a gem for bedding or parking purposes, producing a constant sheet of bloom from Spring until late Autumn. It is a tremendous grower, with deep green foliage. It is something of superlative quality, something which will please you	\$.15	\$1.50

ELLEN WILMOTT — Unquestionably the best of all deep rose colored Verbenas. Flowers and trusses of splendid size, with a color tone of charming effect.....	.10	1.00
LAVENDER QUEEN—This variety is also the result of our crosses. The color is a beautiful shade of pure lavender. Trusses extra large .....	.15	1.50
MRS. CLEVELAND—The best pure white Verbena to date. Almost equal to Crimson King in size.....	.15	1.50
PURPLE KING—A vivid bluish purple and unquestionably the best of its color.....	.15	1.50
SCARLET QUEEN (H. & S.)—This splendid variety is the result of our work in the improvement in Verbenas. We flowered it for the first time in the season of 1917, and at the present time have sufficient stock to place it on the market. It is a facsimile in so far as size is concerned of our variety Crimson King, but the color is lighter, being a deep rich velvety scarlet....	.20	2.00
H. & S. MAMMOTH MIXED VERBENAS—Aside from the separate varieties which we offer above and which must be propagated by cuttings, as they do not seed, we would call your attention to this strain, which are free seeders, very large flowered and excellent for mixed bedding purposes. Where no definite color effect is required these Verbenas will be found particularly useful. The plants bloom within a short time after being planted out, and continue from early Spring until late Autumn, producing an unbroken carpet of rich and varied colors. Strong plants from 2-inch pots, ready March 1st.....	.10	1.00



NEW SEEDLING GLADIOLUS AT OUR NURSERIES

BULBOUS AND TUBEROUS ROOTED PLANTS

AMARYLLIS

Our magnificent strain of Amaryllis is second to none in this country. Any attempt to describe them, even with the most glowing adjectives, would fail to convey an adequate idea of their surpassing beauty. They range in color from the pure white ground color with its markings of rose, red, etc., to rich orange scarlet, cherry, bright red, crimson, maroon, mottled, striped, etc. The flowers are flat and spreading with fully rounded and overlapping petals. The entire strain bears flowers of enormous size, the blooms averaging from nine to ten inches in diameter with five and six to the single stem. The stems attain a height of three feet, displaying the blooms to great advantage.

These Amaryllis are of easy culture and may be planted in the open border in warm sections of the country. In cold sections grow them in pots. Amaryllis are exceedingly easy to force and bloom within a few weeks after being potted up. These Amaryllis are the result of hybridization between the finest types extending over a period of several years. You cannot purchase better.

CLASS A. First size, selected flowering bulbs which will bloom this spring. Perfect in color, form, size and substance. Every one a gem.....
.....Each \$1.00, Per Doz., \$10.00

CLASS B. First size selected bulbs, full flowering size, not quite as perfect in form and color as the preceding but superior to any other strain on the market. Assorted colors.....Each 75c., Per Doz., \$7.50

CULTURAL NOTE

POT CULTURE—The bulbs require a seven or eight-inch pot, according to their size, and should be potted so that the neck of the bulb is above the surface of the soil; it will not harm if the upper rounding surface of the bulb is exposed. Place plenty of crocks over the hole in the bottom of the pot to insure good drainage. Use a rich compost in potting consisting of one-fourth rotted cow manure and three-fourths of good light loam. Water thoroughly after potting and place in a cool sheltered position for two or three weeks. As soon as growth begins remove to greenhouse, conservatory or a light sunny window, keeping them moderately moist at all times. The flowers will show in all their wonderful perfection to seven or eight weeks after potting up. When through blooming plant out in the garden. This recuperates the bulbs and the same operation may be repeated the following Fall or Winter. They are more easily grown in pots than Easter lilies and are far more showy.

OPEN GROUND CULTURE—Plant the bulbs in any good garden soil which has had plenty of rotted manure added and been thoroughly mixed together. Select the bed in any fully exposed, sunny position. Plant them so that the top is even with the surface of the soil. When growth begins give water in sufficient quantities to keep the bed moist at all times. Irrigate, don't sprinkle. When the buds appear a shading of cheese cloth will give highly perfected colors, although not absolutely nec-

essary. In California and other sections of similar climate the bulbs may remain in the same position for three years, after which they may be taken up, divided and reset. In climates where the ground freezes, take up every autumn and treat as noted under pot culture, or hold dormant until Spring and plant out for later flowering.

AMARYLLIS BELLADONNA—Lovely rose pink with a lighter colored throat. As this variety loses its foliage before the flower spikes issue forth, care must be taken not to disturb the bulbs at this period. August is the time of flowering. Mammoth bulbs.....Each 35c, Per Doz., \$3.50

AMARYLLIS FORMOSISSIMA—An original species, native of Mexico, with narrow reflexed and spreading petals. The color is an intensely rich deep crimson.....Each 35c, Per Doz., \$3.50

AGAPANTHUS

UMBELLATUS—Among the various Summer flowering bulbs there are but few which grow as easily or are more effective in the garden in so far as their bloom is concerned, than well grown clumps of Agapanthus. The variety in question produces a continual succession of strong flower stems each crowned with large umbels of deep blue flowers.

	Each	Per Doz.
Fine strong clumps.....	50c	\$5.00
Medium size plants.....	35c	3.50

CALLA LILY

RICHARDIA AETHIOPICA—The well known Lily of the Nile. Strong fine roots.....
.....Each 20c, Per Doz., \$2.00

RICHARDIA ELLIOTTIANA—The golden Calla. Flowers deep golden yellow. Foliage beautifully maculated with white on a green ground. Splendid for Summer blooming.....Each 35c, Per Doz., \$3.50

CYCLAMEN

We grow a large stock in a very choice strain of these well known Winter flowering plants and can supply them in all colors from pure white to deep crimson, including shades of salmon, pink, etc. Extra fine plants from three-inch pots.....
.....Each 35c, Per Doz., \$3.50

ISMENE

CALATHINA GRANDIFLORA—A beautiful free blooming bulbous plant from Brazil and one which is especially adaptable to culture in warm southern climates. The large blooms are intensely fragrant, pure white in color with greenish bands in the base of the throat. The edges of the petals have a fringed outline which greatly enhances the beauty of the blooms.
Strong bulbs.....Each 35c, Per Doz., \$3.50

LYCORIS SQUAMIGERA

A little known bulbous plant, similar in form and color to the Amaryllis Belladonna, but differing from it in its time of bloom. It sends forth in August strong spikes of bloom of a beautiful pink shade.
Strong bulbs.....Each 35c, Per Doz., \$3.50

GLADIOLUS

Remarkable improvements in Gladiolus have been made during recent years and numerous fine strains are now obtainable. These have served to greatly increase the culture and demand for these lovely Summer blooming flowers. For a period of several years we have been hybridizing Gladiolus and now offer you the perfected results of our work. You will find the mixture which we send out of very superior quality, all poor sorts having been carefully rogued out.

H. & S. PRIZE MIXED HYBRIDS—Under this head we offer you a strain of Mixed Hybrids of superior quality. Contained in the mixture this season are many new colors with flowers of mammoth size. We do not believe there is anything in the Gladiolus line which will equal or surpass them. Extra selected bulbs in a superb mixture of colors.....Each 15c, Per Doz., \$1.50

GLADIOLUS AMERICA—Our bulbs of this season's crop are especially fine. If planted now they will give you during early Spring an abundance of flowers. The blossoms of this variety are large, well expanded, with eight to ten open on a spike at a single time. The color is an exquisite shade of pink. Successive plantings may be made, say three to four weeks apart. By doing this the period during which they blossom may be extended considerably. Last planting may be made as late as March or April. Extra fine bulbs.....
.....Each 10c, Per Doz., \$1.00

MRS. FRANCIS KING—A fine light scarlet Gladiolus of immense size, and substance. The blooms open out flat with a large number open on the spike at the same time. As fine a thing in scarlet as America is in pink. Fine bulbs.....
.....Each 15c, Per Doz., \$1.50

IRIS

The collection which we offer below comprises a very select lot of these lovely hardy plants. The surprising range of colors which they offer and their adaptability to so many different uses places them in the front rank of our hardy garden plants. For the margin of woodland walks, shrubbery borders, wild gardens or near ponds they are unexcelled. They make splendid cut flowers as they possess a grace and beauty which is all their own.

NEW GIANT FLOWERED VARIETIES

Under this head we offer you a collection of the new hybrids of Iris Pallida Dalmatica. They are mostly of French origin and mark one of the greatest advances ever made in the improvement of hardy plants.

ALCAZAR—Enormous flowers. Color, violet, purple and blue Each 35c

AMAS—Standards, lavender, blue; Falls, violet, blue 35c
ARCHEVEQUE—Standards a wonderful shade of reddish purple. Falls, dark velvety purple..... 35c
CAPRICE—Immense flowers. Pure shade of violet blue 35c
CATERINA—This superb variety is unquestionably one of the handsomest of all Iris. It is a giant not only in height but also in the mammoth size of its blossoms. It attains a height of four feet. The stems are very long and much branched. Flowers a clean even shade of lavender blue. An exquisite variety any way you take it. Each 50c
CHERUBIN—We are offering this superb new Iris for the first time this season. It is one of the finest of the new hybrids which has come under our notice. Standards, lavender. Falls, lavender veined with white..... 50c
CANDELABRE—A superb sort. A lovely shade of pale blue veined and marked with purple..... 50c
ELDORADO—A curious and unique shade in this class being yellow overlaid with blue..... 35c
ISOLENE—One of the tallest growing of these new Iris. The stems attain a length of three feet and over. Color, light purple, overlaid with brown, beard yellow35c
INGEBORG—Pure white. Extra large flowers of handsome form 35c
JEANNE d'ARC—One of the daintiest Iris in existence. Pure white Falls and Standards with pencilings of light blue..... 35c



Iris Isolene

LOUTE—Standards pale lilac. Falls deep blue.....	35c
ORIFLAMME—Standards, light blue. Falls, clear lavender purple. A superb sort.....	35c
PARISIANA—Standards, mottled lavender pink. Falls, creamy white suffused with lavender pink....	50c
TAMERLANE—Flowers of phenomenal size. Standards, blue; Falls, deep purple.....	35c
HALFDAN—Standards and Falls creamy white.....	35c
GOLDEN FLEECE—Handsome light yellow Iris. Height about eighteen inches.....	35c
HELGE—Standards, lemon yellow. Falls, deep yellow, with orange beard.....	35c
LOHENGRIN—Flowers of immense size. Standards mauve, Falls violet.....	35c
MRS. REUTHE—Very free blooming and early flowering variety. Standards, delicate lavender blue, Falls, somewhat lighter in color.....	35c
NIBELUNGEN—Standards, fawn yellow, Falls, violet purple. Very beautiful.....	50c
NUEE d'ORAGE—Standards, greyish lavender. Falls, bronze and purple. Extra large flowers.....	35c
PROSPER LAUGIER—Standards, light bronzy red. Falls velvety maroon red with orange beard.....	35c
THE BRIDE—Standards and Falls, white with primrose beard. Very large and handsome. Plants of medium height only.....	35c
VICTORIA LOUISE—Standards, pale sulphur yellow. Falls, rich plum color, with cream colored edges.....	35c
WALHALLA—Standards, lavender, Falls, wine red.....	35c
ZEPHYR—Lavender blue flowers. Medium size but produced in great profusion.....	35c

SPECIAL OFFER

One each of the above twenty-seven varieties, a collection which spells the last word in excellence and quality for \$8.00.

Any twelve varieties for \$4.00.

IRIS KAEMPFERII

The latest introductions from Japan in this magnificent class of Iris are marvels of beauty. The flowers often reach a diameter of ten inches, and the colors and combinations of delicate shades in both single and double forms simply baffle description. Although they are among the easiest of all Iris to bring to a state of perfection both as regards quality of bloom, height of growth, etc. we doubt if more failures occur in growing any plants

than with these. This is simply due to a lack of understanding regarding their requirements, and a careful reading of the cultural notes appended will be of service to our customers in securing the best results obtainable.

Our collection comprises over fifty of the very finest varieties in existence. The clumps which we offer are grown at our Rivera bulb fields and are models of health and vigor.

We offer you an unsurpassed collection of about fifty varieties, double and single blossoms, all colors mixed—

	Each	Per Doz.
Large clumps.....	50c	\$5.00
Second size clumps.....	35c	3.50

CULTURAL NOTE—Select a plot of ground of suitable size for the number of clumps to be planted, allowing a minimum distance between the clumps of eighteen inches. Spade this over thoroughly to a depth of twelve inches, breaking all lumps, removing all stones, etc. Cover this with three inches of rotted cow manure, spade in and respade several times to thoroughly incorporate the manure.

Section off into beds four feet wide and as long as required with a path between of say eighteen inches. Rake to a ridge four inches in height at the edges, so that the interior portion may be flooded with water, plant the clumps the distance above specified and cover the crown three inches deep. After planting flood with water, the beds if made perfectly level with good ridges at the edges, will hold water to a depth of three inches. After the first soaking give water in moderate amounts only until the growth begins. When the plants attain a height of six to eight inches they should be kept constantly wet. During the growing season give two or three mulchings of well rotted manure. This, through the flooding method, provides them with the equivalent of liquid manure and tends to increase the height of the stems and beauty of the blooms. If the weather is hot a lath shading placed over the beds at a height of seven feet (the lath nailed to strips three-quarters of an inch apart) tends to lengthen the blooming period and betters the quality of the flowers.

TUBEROSES

Well known and universally admired for their pretty spikes of waxy white and deliciously scented flowers. We offer you splendid roots of these ready for delivery from December on.

Each 15c Per Dozen, \$1.50

HERBACEOUS AND PERENNIAL FLOWERING PLANTS

There are but few plants more popular today than that section usually classed under this heading. The value of perennials, both hardy and tender, for planting in borders, beds, etc., is well recognized. Properly arranged herbaceous borders are a thing of beauty at practically all seasons of the year, and if the beds are properly prepared each succeeding season shows an increased display of color. The collection which we offer you, while not a large one, contains a list of some of the best subjects adaptable for this work.

ACANTHUS

MOLLIS—A handsome flowering plant for herbaceous borders, with large spikes of bright rose-colored flowers. Leaves broad, dark glossy green in color, handsomely notched on the edges. Height four feet.....Each 35c. Per doz. \$3.50

AGATHEA

COELESTIS—Commonly known as the Blue Marguerite. A charming old-fashioned plant which blooms continuously throughout a long period. Dwarf in habit. A splendid border plant for large beds.....Each 15c. Per doz. 1.50

AGERATUM

PRINCESS PAULINE—A particular beautiful variety. Body of flower pure white, while the numerous anthers are delicate sky blue. Rarely exceeds eight inches in height, and is an excellent bedding or border plant. Strong plants from two-inch pots.....Each 10c. Per doz. 1.00

ANCHUSA

ITALICA (DROPMORE VARIETY)—A recent and noteworthy addition to the list of hardy plants. Does best in partial shade. Flower stems attain a height of six feet. The flowers are a superb shade of pale blue, not unlike a giant For-Get-Me-Not. Extra fine stock.....Each 35c. Per doz. 3.50

ASTERS (PERENNIAL)

There is a large and growing demand for the various types of Perennial Asters. Their dainty, starry flowers and the wonderful profusion with which they are produced makes them striking subjects for flower borders, besides which they are of great value for mixing with bouquets, etc. We offer you a few of the best.

BEAUTY OF COLWALL—A handsome double-flowered light blue variety. Extra fine.....Each 20c. Per doz. \$2.00

ABENDROTE—An exceedingly choice sort with exquisite sky blue flowers.....Each 20c. Per doz. 2.00

There are but few perennials grown which are more satisfactory or beautiful than this particular class of hardy perennial Larkspurs. They branch freely from the crown and give an uninterrupted display of bloom, in all shades of blue, from early Spring until late Autumn.

OUR NEW
HYBRIDS
OF
DELPHINIUM
BELLADONNA



CLIMAX—This is unquestionably one of the greatest additions to the list of Michaelmas Daisies or Perennial Asters ever made. The plants are of strong, vigorous habit and the flower stems are covered with large, light lavender blue flowers. These attain a diameter of one and a half inches or more. An exquisite variety for cutting purposes. Each 35c. Per doz. \$3.50

FELTHAM BLUE—Handsome bright blue flowers, produced in dense masses. Each 25c. Per doz. 2.50

WHITE QUEEN—A superb pure white Perennial Aster. Produces great masses of starry white flowers. Each 20c. Per doz. 2.00

BEGONIAS

FIBROUS ROOTED VARIETIES

A splendid section of Begonias comprising many sorts that vary in character both as regards height, type of bloom, etc. This class of Begonias are wonderfully effective when used in shady beds in conjunction with ferns and are equally adaptable for use in rock gardens. In general they are tender subjects and will not withstand much frost. They should be planted in a well-prepared soil and one which contains plenty of humus.

ASCOTIENSIS—An elegant free flowering Begonia of the Fuchsioides type, which blossoms profusely throughout the entire year. Flowers a peculiar shade of Indian red in color. Very handsome. Each 35c

ARGENTEA GUTTATA—A beautiful variety with all of the leaves dotted with silvery white spots on a purplish bronze ground, with underneath portion of the leaves a rich coppery red. Does particularly well in open beds in a shady position. Each 35c

FUCHSIODES—An elegant type with pendulous branches and deep rose pink flowers. Very suitable for extremely shady locations. Each 35c

FEASTII—A low-growing Begonia with smooth, large leaves. Produces an abundance of small pink flowers beautifully poised on long stout stems. A gem for rock work. Each 35c

HAAGEANA—One of the most noteworthy varieties in our collection. Foliage large, silvery white on the upper surface, dark red underneath. Blossoms very large. Color white daintily stained with rosy pink. A very fine sort. Strong 4-inch pot plants. Each 35c

LUCERNE—A very tall growing variety. Produces enormous canes, which attain a height of six to seven feet. Flowers are borne in immense panicles. The individual flowers are large and of a superb shade of deep rosy pink. One of the best of all tree Begonias. Strong plants in 4-inch pots. Each 50c

PRESIDENT CARNOT—This beautiful Begonia is the parent of most of our best Tree Begonias. A very vigorous grower with handsome foliage and enormous panicles of deep rose-colored blossoms. A magnificent variety. Strong plants. Each 50c
Extra large specimens, 5 to 6 feet high. Each 4.00

RUBRA—A very rapid grower and when fully developed it is covered from top to bottom with medium size panicles of bright scarlet blooms. Foliage bright green in color and quite smooth. Makes a splendid specimen as a pot plant. Strong four-inch pot plants. Each 35c

SCANDENS—A distinct climbing form with handsome light green leaves and clusters of minute white flowers. Each 35c

TEMPLETONII—A beautiful foliage Begonia, the leaves being handsomely marbled with yellow, red, etc. The edges are beautifully notched and crimped. Each 50c

H. & S. MIXED HYBRID TREE BEGONIAS—A new race of Begonias resulting from crosses between Begonia Rubra and Lucerne. The plants have the same tall character of growth as that noted in the variety Lucerne, but the panicles of bloom occur in a wide assortment of colors from almost pure white to deep rose, including apple blossom, pink, etc. This new class forms a great value for cutting purposes. 25c

advance in the fibrous rooted section. They are ideal for planting out in shaded north beds in conjunction with ferns, etc. They are also useful plants for interior decoration. We can furnish them in assorted colors. Each 35c
Extra fine specimens, ¾ ft. high. Each 3.50

BEGONIA SEMPERFLORENS

The varieties of this type produce elegant effects planted on the margins of beds as a setting to taller plants, and throughout the year are a veritable mass of color. For low bedding purposes they excel all other sorts. They attain a height of about 10 inches.

THREE VERY FINE VARIETIES

GRACILIS ALBA—Pure white with large waxy flowers. It combines dwarfness with an excellent compact habit. Each 15c. Per doz. 1.50

GRACILIS LUMINOSA—Bronzy foliage with rich crimson colored flowers. A lovely variety. Each 15c. Per doz. 1.50

GRACILIS ROSEA—Clear waxy pink. A fine companion to the above. Each 15c. Per doz. 1.50

CANTERBURY BELLS

These charming old-fashioned plants are favorites with all and are among the most beautiful of our Spring flowers. They may be flowered in pots and when so grown are extremely pretty, their large, bell-shaped flowers showing to great advantage. We can supply these in a very high-class strain of the true cup and saucer type in all colors, including pure white, rose, blue, etc. Strong plants from three-inch pots. Each 15c. Per doz. 1.50

CHAENOSTOMA

HISPIDA—A dainty dwarf border plant. Ideal for rockery work. Attains a height of six to ten inches. Foliage small, plants covered with minute white flowers throughout the year. Each 15c. Per doz. 1.50

AQUILEGIA (COLUMBINE)

HYBRIDS OF COERULEA—The value of Columbines for bedding purposes, their beauty as cut flowers and their hardiness recommend them as one of the most useful of all perennial plants. We grow these by the thousand every year. Our strain is of the best long, spurred type and contains all shades from pure white to deep purple, including yellow, rose, red, pink, etc. Extra strong, field-grown clumps. Each 25c. Per doz. 2.50

COREOPSIS

GRANDIFLORA—A splendid plant for cut flower purposes, being covered for the greater portion of the year with endless quantities of golden blooms two to three inches across. Fine strong plants. Each 15c. Per doz. 1.50

CUPHEA

PLATYCENTRA—A compact bushy plant bearing quantities of small tubular flowers, the lower part of which are bright scarlet marging to maroon and white at the tips. A splendid bedding plant, as it blooms incessantly. Requires a warm sunny position. Each 15c. Per doz. 1.50

HYSSOPIFOLIA—A comparatively little known border plant, but one of great beauty and worth. It equals boxwood as an edging plant and has the additional advantage of being constantly in bloom. The flowers are minute in size and in color a distinct shade of violet blue. Strong young plants from two-inch pots. Each 15c. Per Doz. \$1.50. Per 100 \$10.00

HOOKEIANA—A superb Cuphea. One which is but little known. It produces dense panicles of flowers and attains a height of two to three feet. A very novel and striking plant. Color vermilion and orange. Extra strong stock. Each 35c. Per doz. 3.50

PERENNIAL LARKSPUR (DELPHINIUMS)

Our strain of Delphiniums contains a wide selection of all the best shades of blue ranging from the palest sky blue to Indigo, Sapphire, dark blue and purple. For

producing a fine mass of blue Delphiniums are unequaled, and the fact that with the return of each season there is an increased quantity of bloom and added wealth of color has made them popular in gardens everywhere.

The clumps which we offer you are fine 2-year-old stock which, if planted out early in Spring, may be depended upon to give a wonderful show of color during the following Summer season.

H. & S. PRIZE MIXED (ELATUM TYPE)—These are the tall growing Delphiniums with immense spikes of bloom which often attain a height of six to seven feet. They comprise a wonderful range of colors from palest to darkest blue, etc., with beautiful single and double forms of flowers. Fine strong clumps.....Each 35c. Per doz. \$3.50

BELLADONNA—This beautiful Delphinium is unquestionably one of the most useful of all. It is quite distinct in character of growth from the preceding, being of much dwarfer growth and of a much freer branching habit. It produces an uninterrupted show of bloom throughout the entire season. The stems are thin and wiry, the blooms quite large and beautifully poised on well arranged spikes. We can offer these in two shades—sky blue or dark blue. See illustration page 35. Strong one-year clumps.....Each 35c. Per doz. 3.50

GAZANIAS

A splendid class of half-hardy plants growing only three to four inches in height and covered with flowers two to three inches in diameter. The following are two of the best:

AURANTIACA YELLOW—Beautiful pale yellow flowers.....Each 15c. Per doz. 1.25

AURANTIACA ORANGE—Similar to the above, but bright orange colored flowers.....Each 15c. Per doz. 1.25

GERBERA (TRANSVAAL DAISY)

NEW FRENCH HYBRIDS—These handsome Gerberas are the result of crosses between the white South African variety and the well-known scarlet variety Jamesonii. The strain contains all colors from purest white to deepest crimson with intermediate shades of orange, yellow, pink, salmon, etc. Gerberas flower without intermission from early Spring to late Autumn. The flowers are borne on stiff wiry stems. They are splendid for cutting purposes, retaining their beauty in a cut state for over a week. Extra fine clumps of blooming sizeEach 35c. Per doz. 3.50

GYPSOPHILA

PANICULATA—This handsome Gypsophila is the variety which is commonly used by florists for mixing with bouquets, etc. The plants attain a height of two to three feet, are much branched and covered in the Spring with innumerable minute pure white flowers. This variety is often referred to as Baby's Breath." Strong one-year clumps.....Each 20c. Per doz. 2.00

HELIANTHUS (PERENNIAL SUNFLOWER)

We offer you three of the best perennial varieties. During their season the plants are a mass of golden yellow flowers. For color effects in the garden or for use as cut flowers these are extremely valuable. They delight in a good rich soil with plenty of water and full sun.

MAXIMUS—Covered with innumerable golden yellow flowers. For a color effect in the garden this variety is unsurpassed. It blooms from June until September. Also splendid for cut flowers.....Each 20c. Per doz. 2.00

METEOR—Similar to the above in foliage and height, but different in the shape of the flowers, the guard petals being somewhat wider.....Each 20c. Per doz. 2.00

MISS MELLISH—A lovely single variety with cactus-shaped blooms produced on stems six to eight feet high. An excellent variety for cut flower purposes.....Each 20c. Per doz. 2.00

HELENIUM

AUTUMNALE RUBRUM—A very desirable border plant, succeeding well in any soil in a sunny location. It has broad spreading heads of flowers and is exceedingly graceful. Of splendid value for cutting purposes. Blooms in August and September. Color a bright terra-cotta red.....Each 20c. Per doz. 2.00

HEMEROCALLIS (JAPANESE DAY LILY)

For the margin of ponds or for planting in the open border these lovely Japanese plants are of especial value. They form dense tufts of long narrow foliage surmounted by large trumpet-shaped blooms. They are of perennial duration and require but little care beyond watering.

FIVE VERY FINE VARIETIES

AURANTIACA—Enormous flowers, very sweetly scented. Color bright golden yellow.....Each 35c. Per doz. \$3.50

AURANTIACA MAJOR—An improvement on Aurantiaca. The largest flowered variety in the family. Color rich orange.....Each 50c. Per doz. 5.00

FLORHAM—A pure light yellow variety with medium size flowers. Blooms continuously from April to November. This variety is of especial value for herbaceous borders.....Each 35c. Per doz. 3.50

SOVEREIGN—A medium shade of yellow. Blossoms of good size and freely produced.....Each 35c. Per doz. 3.50

THUNBERGII—A late flowering sort. Blossoms are quite small, borne on slender stems. Color a delicate shade of lemon yellow. Very sweetly scented. A veritable gem for rock work or for beds and borders.....Each 35c. Per doz. 3.50

HOLLYHOCKS

The varieties which we offer have been carefully selected from our own prize collection. The flowers are of immense size, perfectly double and well arranged on tall handsome spikes. We can supply them in the following colors: Pure white, yellow, rose, shell pink, dark crimson and cherry red. The clumps which we offer this season are strong one-year stock which, if planted early in the Spring, may be depended upon to produce a glorious display during the following Summer. Extra strong clumps.....Each 35c. Per doz. 3.50

HUNNEMANNIA

FUMAERIFOLIA—The yellow Mexican poppy with bright golden yellow flowers, two to three inches across. An elegant plant for cut flower purposes.Each 15c. Per doz. 1.50

JACOBINIA

COCCINEA—A pretty plant with dark green leaves which attains a height of about five feet. It produces spikes of brilliant scarlet colored flowers, and is of splendid effect in herbaceous borders. Fine strong pot plants.....Each 50c. Per doz. 5.00

LEONOTIS

LEONURUS—An elegant half hardy perennial with brilliant orange colored flowers. The plant is relatively referred to as "Lion's Tail." Extra strong plants from three-inch pots..... 35c
Strong bushy stock, 1/2 foot high..... 50c

LIBONIA

FLORIBUNDA—An exceedingly pretty dwarf evergreen plant, bearing numerous scarlet flowers, tubular in shape, and produced in endless quantities throughout the year. Highly ornamental as a bedding plant aside from its value in the herbaceous border. Strong young plants.....Each 20c. Per doz. 2.00

LOPEZIA

One of the daintiest subjects for Winter flowering in the whole range of blooming plants. The flowers are quite small but borne in such profusion as to completely cover the plants.

ALBIFLORA—A pure white variety.....Each 20c. Per doz. 2.00

ROSEA—A pure rose pink colored variety.....Each 20c. Per doz. 2.00

MARGUERITES

These well known plants are favorites with all. They are of great value for border decoration, for planting along the margins of drives, etc. They bloom throughout the year in California and require but little care.

MRS. FRED SANDERS—The finest of all doubles Marguerites. Produces large quantities of double, snowy white flowers. Strong plants.....
.....Each 25c. Per doz. 2.50

GIANT YELLOW—A splendid deep golden yellow Marguerite. Flowers single. Fine for cutting purposes.....
.....Each 20c. Per doz. 2.00

PAPAVER

ORIENTALIS—A grand strain of choice mixed Hybrids of the giant Oriental Poppy. These Poppies constitute one of the most magnificent of perennial plants. The flowers in some of the larger blooming types attain a diameter of ten inches and over. The colors are intensely rich and vivid. If well cared for the flower stems attain a height of three to four feet. They require high culture. Strong one year clumps.....
.....Each 35c. Per doz. 3.50



A Spike of Bloom of Penstemon Sensation. A Grand Hardy Perennial

PENSTEMONS

SENSATION—A superb selection of Penstemons with large gloxinia like flowers in all colors from pure white to darkest crimson with intervening shades of pink, scarlet, purple, rose, etc. Many of the blossoms are beautifully mottled and penciled in the throat. Strong plants from two-inch pots.....
.....Each 20c. Per doz. 2.00

SPECTABILIS—A handsome native Penstemon with medium size blooms. In color a beautiful shade of violet blue. This Penstemon is especially adapted for growing in dry hot locations.....
.....Each 20c. Per doz. 2.00

PETUNIAS

GIANT SINGLE FRINGED—A lovely strain of large flowering compact growing bedding Petunias. All colors are included from lightest to darkest. Extra choice.....Each 15c. Per doz. 1.50

GIANT DOUBLE FRINGED—Magnificent double types with beautifully fringed, fluted and frilled flowers. All colors from pure white through the various shades of lavender, crimson, etc. Strong plants ready in March.....Each 20c. Per doz. 2.00

NEW BALCONY PETUNIAS

A grand new strain of bedding Petunias. For a mass color effect in the garden they can scarcely be equalled. The plants bloom in prodigal profusion. The blossoms are of medium size, the colors are distinct and beautiful. We offer the following three separate colors.

BALCONY ROSE—A superb Petunia with bright rose colored flowers. Exquisite color effects can be produced with this Petunia. It is ideal for park ways or for window boxes.....
.....Each 15c. Per doz. 1.50

BALCONY RED—An elegant shade of carmine crimson. The flowers are identical in shape with the preceding.....Each 15c. Per doz. 1.50

BALCONY WHITE—A superb pure white form in this new class of Petunias.....Each 15c. Per doz. 1.50

PRIMULA

MALACOIDES—A striking Primrose introduced from China several years ago. The flowers are borne around the central stem in dense whorls with several whorls to each stem. This lovely primrose is of great value for shady rockery planting, ferneries, etc. It blooms without intermission throughout the year. Strong plants from two-inch pots.....Each 15c. Per doz. 1.50

PYRETHRUM

ROSEUM—A splendid class of Winter blooming perennials, with large Marguerite-like flowers produced on strong wiry stems. Our strain includes all colors from pure white to dark crimson, including rose, pink, etc. The foliage is fern like and the plants are quite hardy. They bloom at a time when flowers are exceedingly scarce in the garden. Strong young plants from pots in a strain of superb quality.....Each 20c. Per doz. 2.00

RUDBECKIA

GOLDEN GLOW—A well known hardy perennial plant, producing during the late Summer and Autumn months immense quantities of beautiful golden yellow Dahlia like flowers. The plants attain a height of six to seven feet. Splendid for cutting purposes. Strong divisions.....
.....Each 20c. Per doz. 2.00

SPECIOSA NEWMANII—A variety of Rudbeckia with dark orange colored flowers with a deep purple cone like center, borne on stiff wiry stems three to four feet high. Blooms from July to September. Strong plants.....Each 20c. Per doz. 2.00

RUSSELLIA

LEMOINEI MULTIFLORA—A lovely plant for baskets on account of its graceful drooping habit. The long wiry stems are covered with small tubular coral red flowers. Extra strong plants in pots.....
.....Each 25c. Per doz. 2.50

SALVIA

AZUREUS—A lovely species native to the Rocky Mountain region. Plants attain a height of four feet and are composed of numerous tall spikes which are literally covered with small sky blue flowers. This variety is one of the handsomest of its class.....Each 25c. Per doz. 2.50

FIREBALL—A bedding Salvia of splendid dwarf habit bearing quantities of brilliant scarlet flowers throughout the Summer and Autumn months.....
.....Each 15c. Per doz. 1.50

PULCHELLA—A tall growing variety bearing pretty red flowers during the Summer months. The flowers are quite small and abundantly produced. Plants attain a height of five feet.....
.....Each 25c. Per doz. 2.50

LEUCANTHA—An exquisite species suitable for herbaceous borders. Flowers are a beautiful violet purple and white and are borne in profusion from August to December. An ideal variety for cutting purposes. Strong plants from pots.....
.....Each 25c. Per doz. 3.50

RUTILANS—A variety of perennial duration attain a height of five feet, bearing an abundance of scarlet flowers late in the Fall. The foliage of this variety has a decided apple-like odor. Fine strong plants.....Each 35c. Per doz. 3.50

SAXIFRAGA

SARMENTOSA—A fine trailing species. The stems have a reddish cast with green and white variegations on the upper surface of the foliage. An

ideal plant for hanging baskets, or as a ground cover in shady beds.....Each 15c. Per doz. 1.50

SEDUM

SPECTABILIS—A showy Sedum with thick, fleshy leaves and large heads of rich rosy crimson flowers. The flower stems attain a height of some eighteen inches. A unique rock or border plant.....
.....Each 50c. Per doz. 5.00

SHASTA DAISY

ALASKA—A dainty pure white Shasta Daisy with large beautifully formed single flowers. This variety is unquestionably one of the best of all Shasta Daisies for cut flower purposes. Fine strong pot grown stock.....Each 15c. Per doz. 1.50

SOLIDAGO

PATULA—A variety of the common Eastern Golden Rod. The clumps are of perennial duration, increasing in size and vigor year after year. This variety is of particular value for mixing with cut flowers.....Each 20c. Per doz. 2.00

NEW PERPETUAL HARDY FLOWERING PINKS

There have been but few novelties introduced in recent years more useful or beautiful than these superb new hardy Pinks from England. They are the result of crosses between the ordinary hot house Carnations and the small border pink. The flowers are intermediate in size between the Carnation and the border variety. These Pinks have a delightful clove fragrance. They are dwarf compact growers and blossom freely at all times of the year. A bunch of the cut flowers will scent a whole room, the fragrance being far stronger than that to be noted in any Carnation. We can unhesitatingly recommend these beautiful new Pinks to all of our customers. We offer them in four beautiful varieties,

HAROLD—A beautiful, deeply fringed, pure white flower with intense odor. Splendid for cutting.

MARY—Pale rose pink with maroon colored center. An exquisite combination of colors. Very fragrant.

PHYLLIS—Pale pink with maroon colored center.

ROBERT—A very large flower. Ground color is old rose with a deep maroon colored center.

PRICE of any of the above, strong balled plants from the field, blooming size.....
.....Each 50c. Per doz. \$5.00

Young plants from two-inch pots, ready March 15th.....Each 25c. Per doz. \$2.50

STATICE

ARBOREA—A tree like species of Statice which attains a height of some four feet. The flowers are a magnificent shade of violet blue, thick set in a truss that attains a diameter of eighteen inches or over. Aside from its value as a cut flower, a specimen in bloom in the garden is one of the most striking of all plants.
Strong young stock from 2½-inch pots.....
.....Each 25c. Per doz. 2.50

LATIFOLIA—The great sea lavender. Leaves long and broad forming a low growing tufted, rosette shaped plant. From the center issues a much branched growth, completely covered with dainty pale blue flowers. A very valuable plant for bouquet work. Strong plants from two-inch pots.....
.....Each 25c. Per doz. 2.50

TRADESCANTIA

VARIEGATA—A handsome foliage plant, the leaves of which are marked with creamy white. Can be grown in water for house decoration. Also available for wall pockets, hanging baskets, etc.....
.....Each 15c. Per doz. 1.50

ZEBRINA—A handsome variety with distinct bronzy red foliage.....Each 15c. Per doz. 1.50

TRITOMAS

For Summer and Fall blooming there are few plants more stately in appearance than well grown clumps of Tritomas. Their large, torch like spikes of bloom, reaching up to a height of six feet, and fine grassy foliage makes them conspicuous objects in the garden. They associate well with the various grasses, Cannas, etc., in jungle effects, and do splendidly on the margins of arti-

ficial water courses and ponds. Once planted they increase in beauty each season, and require nothing more than plenty of water, any good garden soil and plenty of manure.

A FEW EXTRA CHOICE VARIETIES

CHRYSANTHA—Bright lemon yellow. Four to five feet high.....Each 35c. Per doz. 3.50

HENRY A. DREER—An extremely large flowered, tall growing sort. Bright orange scarlet in color.....
.....Each 50c. Per doz. 5.00

PFITZERII—A constant blooming variety with spikes four feet in height. Orange scarlet in color.....Each 35c. Per doz. 3.50

QUARTINIANA—A giant variety that attains a height of six feet or over. The color is orange red and yellow.....Each 50c. Per doz. 5.00

R. WILSON KERR—Bright orange scarlet with large spikes.....Each 35c. Per doz. 3.50

RUFUS—Medium in growth. Chrome yellow passing to light yellow.....Each 35c. Per doz. 3.50

STAR OF BADEN-BADEN—Broad heavy foliage and magnificent spikes of light orange and scarlet flowers.....Each 35c. Per doz. 3.50

VIOLETS

PRINCESS OF WALES—The largest single Violet in cultivation. Deliciously fragrant.....
.....Each 10c. Per doz. 1.00

MARIE LOUISE—Large double blue flowers. Intensely fragrant and very free.....
.....Each 15c. Per doz. 1.50

SWANLEY WHITE—A perfectly double, pure white variety.....Each 15c. Per doz. 1.50

UNDINE—Double light blue. Very free flowering.....
.....Each 15c. Per doz. 1.50

VINES

We grow an enormous quantity of Vines in both the hardy, half hardy and tender sorts. The plants are all splendid pot grown specimens which, when transplanted to your garden, will give you quick results. In general the most of them are grown in either four or five-inch pots and usually cover three-foot stakes. The plants are from one year to eighteen months old and have been grown with the greatest of care. In some instances we can supply smaller sizes than those offered below, but generally speaking, the plants quoted will give the best results.

CHOICE HARDY VARIETIES

A selection of such varieties as will withstand both extremes of heat and cold.

AMPELOPSIS

- | | | | |
|--|------|---|------|
| | Each | | Each |
| VEITCHII—One of the most ornamental of climbing plants. In Autumn the leaves assume a reddish copper tint. This plant withstands many degrees of frost without injury and is ideal for covering brick walls, etc. Commonly known as Boston Ivy. Extra fine plants..... | 50c | CHRYSOCARPA—The foliage of this beautiful Ivy is quite distinct in form from the ordinary English type, the leaves being lobed. Splendid for clinging to wood or stone..... | 50c |
| LOWEI—One of the daintiest of all the Ampelopsis family. The foliage is quite small and prettily notched. A very scarce sort..... | 75c | MARMORATA—A very distinct, ornamental foliage variety, the surface of the leaves being beautifully marbled white on a green ground..... | 50c |

BIGNONIAS

- | | |
|--|--------|
| GRANDIFLORA—An exceptionally hardy variety bearing myriads of deep orange colored flowers. A free bloomer and rapid grower..... | \$1.00 |
| MADAME GALEN—A splendid type of hardy Bignonia, an improvement on the variety Grandiflora. The flowers are much larger and of a rich shade of reddish orange scarlet. In our opinion one of the best hardy vines in cultivation..... | 1.50 |

HEDERA (Ivy)

- | | |
|--|-----|
| ARGENTEA MARGINATA—One of the handsomest of all variegated Ivies. The leaves have a green ground beautifully margined white..... | 50c |
|--|-----|

VITIS

- | | |
|--|-----|
| HENRYANA—A most noteworthy addition to the list of hardy climbing plants. The handsome foliage is deeply notched, bronzy purple in color with distinct veinings and markings of white. Closely allied to the Boston Ivy and equally adaptable for covering walls, chimneys, etc., the shoots being self-supporting. Strong plants..... | 75c |
|--|-----|

HALF HARDY AND TENDER VARIETIES

ANEMOPAEGMA

- | | |
|--|-----|
| PURPUREUM—A beautiful tropical vine, closely allied to the Bignonias. The flowers are reddish purple in color and about one inch across. In warm sections a fine vine for trellises, pergolas, etc. | 75c |
|--|-----|

ANTIGNON

- | | |
|--|-----|
| LEPTOPUS—An exceedingly handsome vine, native to Mexico. It bears numerous racemes of deep rose colored flowers. A climber of superlative beauty | 75c |
|--|-----|

BIGNONIAS

These are for the most part natives to tropical America, and will only thrive in a warm sunny position in the garden. They will not grow in localities where the temperature falls more than six degrees below freezing. Where greenhouses are available they make handsome subjects for conservatory decoration.

- | | |
|---|------|
| CHERERI—A superb variety with long trumpet shaped flowers, three inches across. Color rich orange scarlet. Superb evergreen foliage. An exceedingly rapid grower..... | 75c |
| SPECIOSA—One of the handsomest of all Bignonias. Blossoms tubular in shape, one to two inches in diameter. Color a beautiful shade of violet mauve with lighter colored throat. Flowers borne in dense clusters at the axils of the leaves. Very rare | 1.00 |
| TWEEDIANA—A small leaved species of clinging habit. Very desirable for covering walls, trellises, etc. Covered during Spring with quantities of canary yellow blossoms..... | 75c |
| VENUSTA—Undoubtedly one of the handsomest of the entire family. A mid-winter bloomer produc- | |

ing enormous clusters of long tubular blooms, rich orange in color.....	75c
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- | | |
|--|-----|
| VIOLACEA—With bright glossy green leaves characteristic of so many tropical plants, and deep violet purple flowers two inches across. Vines literally smothered with flowers, during its blooming season | 75c |
|--|-----|

BOUGAINVILLEAS

We grow a large stock of these useful climbing plants, now so much used in the warmer parts of the United States. Like Bignonias they are at their best during mid-winter. They require a hot sunny position. Once established they grow with a minimum amount of water. They are also particularly valuable for flowering in pots under glass, and make handsome subjects for interior decoration.

- | | |
|---|------|
| CYPHERI—A distinct variety with large flowers. Color rosy purple..... | 75c |
| GLABRA SANDERIANA—The most prolific blooming variety of all the species. It commences to flower when only a few inches high and blooms without intermission throughout the year. The bracts are a light carmine purple in color..... | 75c |
| MAUD CHATTLEBURGH—A handsome new Bougainvillea with deep royal purple colored bracts. This variety is one of exceptional vigor. It is remarkable alike for the enormous trusses of bloom which the plants throw and the color, which has none of the objectionable magenta shades to be noted in some of the species. The large blooming stock plants at our nurseries have elicited the admiration of all visitors. We can thoroughly recommend this variety to every one. Strong plants from three-inch pots..... | 1.50 |

VINES, HALF HARDY AND TENDER VARIETIES

	Each		Each
PANAMA —A sterling novelty in Bougainvilleas and one which we feel quite certain, when it becomes better known, will be in great demand. It has a color which is quite new in this class of vines, being a rich vermilion crimson. For Southern California and any other frostless sections of the country this superb variety will undoubtedly prove a grand acquisition to gardens. It flowers quite as freely as the variety <i>Glabra Sanderiana</i> , and when in full bloom the plants are a glorious sight to behold. We have only a limited stock of this variety to offer this season. Fine, strong plants.....	3.50	JASMINE	
BRAZILIENSIS —A very free growing Bougainvillea with bright glossy green foliage and immense trusses of beautiful carmine rose flowers. The color in this variety is very distinct and the plants blossom almost without intermission throughout the year. Like all other varieties of		AZORICUM —A rare species with clusters of pure white star-shaped flowers and large handsome foliage	75c
	2.50	LIGUSTRIFOLIUM —A rare and beautiful species with small starry flowers. These are intensely fragrant and produced in large numbers during early Summer	75c
LATERITIA —This remarkable variety is almost identical with <i>Spectabilis</i> in growth and size of bloom but differs in the fact that the foliage is a lighter color and the flowers, instead of being purple as with most of the family are a handsome shade of terra cotta red. This variety is exceedingly hard to propagate but is one of the most desirable when once established. Strong plants from four-inch pots.....		OFFICINALIS —Sweetly scented, pure white, star shaped blossoms. A vigorous growing climber.....	75c
	1.00	PRIMULINUM —A magnificent golden yellow Jasmine from the Orient. Flowers over two inches in diameter, rich golden yellow in color. An exceedingly rapid grower and is fairly hardy.....	75c
		REVOLUTUM —A semi-climber with fragrant golden yellow flowers. A very popular vine.....	75c

HONEYSUCKLE

These old-fashioned climbing plants are favorites with everyone. The flowers are delicately perfumed; a plant in full bloom scents the whole surrounding area.

The following are four of the best:

COMMON SWEET SCENTED —Young plants.....	15c
From four-inch pots.....	35c
GIGANTEA —With very large foliage and large clusters of creamy yellow flowers.....	35c
SCARLET FLOWERED —Blossoms deep scarlet, with orange and yellow shadings. Foliage deep green, silvery on the under side.....	35c
VARIEGATED —Foliage beautifully splashed with golden yellow. A very ornamental vine. Strong plants from four-inch pots.....	35c

HOYA (WAX VINE)

CARNOSA—A handsome climbing plant that does well in shady places, or it may be grown as a pot plant for indoor decoration. The umbels of bloom are waxy pink in color and freely produced..... 75c

FICUS

REPENS—One of the most ornamental of climbing foliage plants. It fastens itself to stone or brick buildings by means of its aerial roots and makes a dense mat of small dark green leaves. It retains its foliage at all seasons. Strong plants from three-inch pots..... Each 25c. Per doz. 2.50

IPOMEA (MOON VINE)

LEARI—A perennial blue moon vine. Flowers of large size, color a deep purplish blue. Very handsome foliage 35c

NOCTIFLORA—The well known white night flowering variety. Blossoms of gigantic size. Fine strong plants 35c



Scarlet Flowered Honeysuckle

KENNEDYA

A group of plants native to Australia and of superlative merit for California gardens. The flowers are pea-shaped, small in size, borne in great quantities throughout the Winter and early Spring. There is a grace and beauty about these vines of a most exceptional character.

ALBA —A beautiful pure white.....	75c
PURPUREA —Rich purplish blue.....	75c
ROSEA —Lavender rose	75c

LATHYRUS (PERENNIAL PEA)

LATIFOLIUS—(Mixed Hybrids)—A fine strain of varieties which vary in color from white to deep rose. Very free flowering and increasing in beauty season after season. These varieties are quite hardy 50c

Each		TECOMA	
MANDEVILLA		These are closely allied to the Bignonias. They resemble each other in form of flowers, disposition of foliage, etc., and require much the same care.	
SUAVEOLENS—This lovely climbing plant is a native to South America. It will stand several degrees of frost without injury. The flowers are two inches in diameter, intensely fragrant, and are borne in great profusion. This vine is sometimes called the Chilean Jasmine.....	75c	Each	
MUEHLENBECKIA (MAIDEN HAIR VINE)		AUSTRALIS —Among all the climbing vines in our collection there are few more beautiful than this lovely species. Its principal value lies in its elegant thick foliage and rampant growth. The young foliage is prettily bronzed, flowers creamy white, small, but produced in great profusion.....	
COMPLEXA—A graceful plant with minute round leaves and slender wire-like stems. For covering the posts of pergolas, etc., it is valuable and effective, the whole plant having a fern-like appearance. Also of splendid value for basket work.....	75c	75c	
PITHECOCTINEUM		CAPENSIS —A lovely species from the Cape of Good Hope, with bright scarlet flowers, tubular in form. An exceedingly fine plant for the sunny side of the house	
MURICATUM—A little known, but very desirable climbing plant, closely allied to the Bignonias and requiring much the same treatment. It is a strong rampant grower with the shoots densely covered with rich creamy yellow blossoms during late Spring. The flowers average an inch in diameter	75c	75c	
PLUMBAGO		JASMINOIDES —Bears large, tubular pure white flowers, with a deep crimson throat. Foliage bright and glossy. A very beautiful vine.....	
CAPENSIS—A semi-climbing vine in habit, that may be used as a vine or pruned into bush shape. It is covered during Summer and Fall with lovely pale blue flowers.....	75c	75c	
CAPENSIS ALBA—Precisely the same as the foregoing in character, but with pure white flowers....	75c	JASMINOIDES ALBA —Similar to the preceding but with long tubular white flowers.....	
LARPENTAE—A hardy dwarf herbaceous variety bearing quantities of exquisite flowers of a deep rich shade of porcelain blue. Very effective.....	50c	1.00	
RHYNCHOSPERMUM (MALAYAN JASMINE)		JASMINOIDES ROSEA —A variety with all the characteristics of the preceding varieties with the exception of the flowers which are of a lovely shade of pink with a crimson throat. Very scarce	
JASMINOIDES—A very fragrant climber, with pure white flowers and thick leathery dark green foliage. The pretty star shaped blooms are produced freely and literally cover the plant. They are so intensely fragrant that the odor may be detected at a considerable distance away.....	75c	1.00	
SOLANUM		McKENNII —A rampant growing species, with large clusters of deep pink flowers. A splendid Winter bloomer	
For rapid growth few vines exceed the various species of Solanum. They require a warm sunny location, and like most tropical plants, plenty of water.		75c	
JASMINOIDES—A free growing and free flowering vine. Blooms medium in size, but carried in good sized umbels. Color a pleasing shade of purple....	75c	REGINAE SABAE —A great improvement on Tecoma McKennii. lowers very large, in color a lovely shade of deep rose pink with stripings of crimson in the throat.....	
JASMINOIDES ALBA—The same in character as the above, but with pure white flowers.....	75c	1.00	
WENDLANDII—The grandest of all Solanums. Foliage enormous and in the blooming season the entire plan is covered with gigantic trusses of pale blue flowers. It will do in this section if planted outside. In colder sections of the country it is one of the handsomest of all climbers for conservatory decoration	75c	THUNBERGIA	
STREPTOSOLEN		COCCINEA—A scarce and little known tropical climbing plant, bearing reddish brown flowers. Blooms are tubular in shape, and freely produced..	
JAMESONII—A beautiful plant for a well protected sunny position. It is only half climber in habit, and may be treated either as a shrub or as a vine. Bears dense masses of orange red flowers	50c	75c	
		VINCA	
		The various types of Vinca are of inestimable value as garden plants. For planting on banks or under the dense shade of trees they make splendid ground cover plants. Used in window boxes or hanging baskets, their long trailing stems and pretty blue flowers give a light and airy decorative effect.	
		MAJOR —With dark green foliage.....	
		.....Each 15c. Per doz. 1.50	
		MAJOR VARIEGATED —Similar to the foregoing but with yellow, white and green foliage.....	
		.....Each 15c. Per doz. 1.50	
		VITIS	
		CAPENSIS —An evergreen grape of the most decorative type. This species is a rampant grower, with large round leaves eight to ten inches across. The stems have a bronzy tint of highly decorative effect	
		75c	
		RHOMBIFOLIUM —A variety of dainty slender growth, heavily foliaged, with the leaf composed of three medium sized lobes. For covering pergolas, walls, porches, etc., it is unsurpassed, being of a light airy effect and absolutely clean and evergreen	
		75c	

A Wonderful New Insecticide—"Kils-All"

We desire to call our customers' attention to this wonderful insecticide. It is a non-poisonous preparation, absolutely harmless, when used according to formula, to any plant life, but is absolutely destructive to all forms of insect pests. It is specific for mealy bug, will destroy red spider, thrips, white fly, scale of all kinds, including black scale, purple scale, wooly aphis, and will hold in control the various fungus diseases which affect plants. There is no better preparation on the market for use on all of the various garden plants, including even the tenderest ferns, or for commercial orchard work. Inexpensive! Effective! Send for leaflet covering its use, method of application, etc.



PARTIAL VIEW OF OUR SEED BEDS AT MONTEBELLO

NOVELTIES AND SPECIALTIES *in* CHOICE FLOWER SEEDS *for* THE SEASON *of* 1920

CHOICE FLORIST FLOWER SEEDS

The following list contains a selection of the leading varieties which, if carefully sown, will furnish you with an abundance of beautiful flowers for your garden at a comparatively nominal cost. The seeds which we offer are with few exceptions grown on our own trial grounds. They may be relied upon for good germinating qualities, for trueness to type and as representative of the most advanced development known in choice strains at the present time.

In common with Roses and many other subjects we have devoted a large amount of time and energy in the improvement of various strains of Annual and Perennial plants. The work which we have done on Asters and many other strains to be noted in the following pages covers a period of several years. Our one aim in the production of seeds has been quality and that our efforts in this direction have not been in vain is attested by the many voluntary reports we have had from customers from all parts of the Union.

Our strains of Cinerarias, Giant Zinnias, Celosias, Verbenas and other subjects are recognized as being as near perfection as has been attained at the present time. The seeds which we send out are not only given careful germination tests, but are subjected to trials to determine their trueness etc. We feel certain that those who have not yet tried our various strains of seeds will be more than pleased with the results obtainable from them.

ALYSSUM

Pkt.

LILAC QUEEN—An especially fine selection of this beautiful dwarf Alyssum in a pretty shade of pale Lilac. The plants are compact growers and create a grand mass of color within a short space of time, after planting. Splendid for ground cover in beds of bulbs during early Spring, and equally valuable as bedding plants during Summer and Autumn.....15c

ANCHUSA

ITALICA (DROPMORE VARIETY)—A superb perennial plant which is easily raised from seed. The flowers are a beautiful shade of deep rich blue. Borne in wonderful profusion on strong branching stems which attain a height of some five to six feet. One of the most beautiful of all plants for beds in herbaceous gardens or for planting in clumps.....25c

H. & S. PRIZE GIANT ANTIRRHINUMS (SNAPDRAGONS)

The value of Snapdragons as a plant for producing masses of color in the garden or when used for cut flower purposes, is well known. The selections which we offer you are three colors of a giant strain which produce immense spikes of bloom with very large individual flowers in the spike. The plants when well grown attain a height of three feet and over. These varieties are exceedingly choice. Giant Yellow, Giant White and Giant Scarlet. Per Pkt., 25c.

NEW ASTERS

In our foreword to this bulletin we called your attention to the new Asters which we are offering for the first time this season. These who are interested in these beautiful Annuals will find something in the following sorts well worth while.

H & S CALIFORNIA GIANT

PEACH BLOSSOM—A superb Aster with blossoms of the most ultra refined Crego type, the petals being beautifully twisted and interlaced, borne singly on rigid, upright stems. The plants attain a height of two and a half to three feet. Unlike the ordinary Crego Asters this variety throws few or no laterals. Blossoms of enormous size. Splendid for cutting purposes. Pkt., 50c.

LIGHT BLUE—An exact replica of Peach Blossom as regards form, size and character of growth, with an exquisite tone of color. Pkt., 50c.

ROSE—A tall growing variety, in color a deep rich rose. Flowers of enormous size, wavy in outline. An ideal Aster regarded from any point of view. Pkt., 50c.

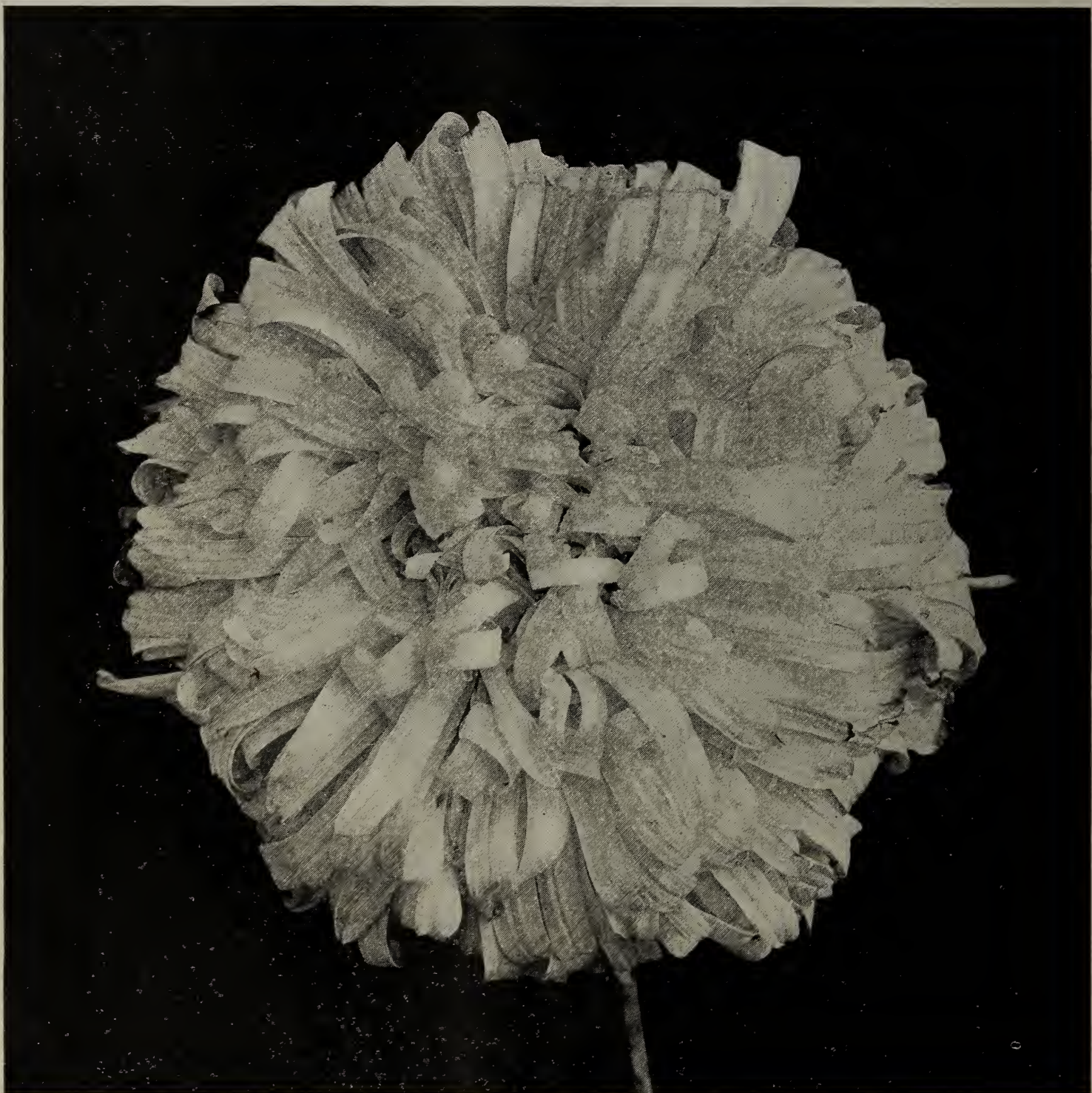
PURPLE—A splendid shade of deep rich purple. A fine companion to the other varieties in this set. Well grown plants attain a height of fully three feet. A remarkable feature of this particular selection is that

the plants remain in bloom much longer than any other Aster with which we are acquainted. Pkt., 50c.

MIXED—A splendid mixture of each of the foregoing, including also other shades which we have not yet fixed. A mixture which will prove of splendid value for bedding purposes. Pkt., 50c.

TWO NEW ASTERS OF THE AMERICAN BEAUTY TYPE

PEACH BLOSSOM—This new Aster differs from our California Giant in the fact that the petals, instead of being curled and wavy like those of the Crego type, are regular in their outline more or less after the style of a gigantic flower of the old Victoria class. As with all of the strains we are offering you this season this superb sort is non lateral branching and bears a profusion of enormous flowers on strong rigid stems. Height about two and a half feet. Pkt., 50c.



A TYPICAL FLOWER OF OUR CALIFORNIA GIANT ASTER 'PEACH BLOSSOM'
The Bloom Is Natural Size and Conveys a Good Impression of the Beautiful Ruffled Character of Its Blossoms

PURPLE—Deep rich, Imperial purple. Otherwise an exact replica of the preceding selection. Well grown plants of this particular color attain a height of about three feet. Extra fine. Pkt., 50c.

NEW ASTER

CREGO CRIMSON—In our experimental work with Asters we were able to fix this splendid new crimson of the Crego type. Unlike our California Giant, it bears numerous lateral flowers, and the terminal blooms are not so large as those of our California Giant, but the flowers are produced in wonderful profusion. The color is a distinct and handsome shade. This variety is ideal for bedding where a solid mass of color is desired. Pkt. 25c

CINERARIAS—H & S PRIZE MIXED

Our strain of giant flowering Cinerarias is generally recognized as one of the finest in America. The plants are compact in their habit, the foliage is large and bold, and is surmounted by trusses of glorious size and substance. Blossoms four to four and a half inches in diameter are quite common. The range of colors contained in the strain is unexcelled, running from purest white to darkest crimson, through all the intervening shades of purple, blue, lavender, indigo, rose, etc., with many handsome bi-colored flowers. The seed which we offer this season has been carefully hand picked from the very finest selected types and we feel quite certain that it will more than please. Pkt., 50c.

H & S NEW GIANT FLOWERING COLUMBINES

A grand strain of giant flowering long spurred Columbines in a color series of matchless beauty. Columbines are splendid as cut flowers or for the production of masses of color in the garden. We have made a series of selections to color and although not entirely fixed a very high percentage will come true.

Pkt.

BLUE—A splendid selection of all shades from light to dark blue. Flowers are long spurred and of large size 25c

PINK—Contains the various tones from light pink to darkest rose. Very choice. 25c

MIXED—Including all shades from pure white to pink, rose, red, yellow, crimson, blue, and various bi-color flowers of superb quality and form. 25c

CELOSIA

H & S PRIZE MIXED

A grand selection of feathered Coxcombs with massive plumes and excellent compact habit. We have been several seasons improving this strain and believe to-day it is equal or superior to any other strain on the market. The colors range from yellow through the intervening shades of rose, carmine, crimson, and bronze. The illustration on page 48 conveys but a faint idea of the size and beauty of the blossoms of this strain. The rule beneath the flower as shown in the cut gives an idea of



H & S PRIZE CINERARIAS

Cinerarias as we grow them for seed in cold frames at Montebello, each plant being selected for its habit of growth, color and size of bloom. All poor sorts are thrown away. Ten years work in perfecting this strain insures our customers something better, something different than ordinarily procurable.



DIASCEA BARBARAE

their immense size. There are no subjects that we know of which will create a brighter or more beautiful effect planted in beds than these new feathered Coxcombs. The seed has been carefully saved from the finest types only. As with many other highly bred plants they are shy seeders. Pkt., 50c.

DIASCEA BARBARAE

A low-growing biennial plant from South Africa, bearing innumerable quantities of small salmon-colored blossoms. The engraving conveys a good impression of shape and size of the blossoms.

The plants attain a height of some twelve inches and are literally smothered with their dainty salmon-colored flowers. A fine subject for beds or borders. Per Pkt., 25c.

NEW GIANT DAISIES (BELLIS PERENNIS MONSTROSA)

A highly improved strain of Daisies remarkable for their immense foliage and extra large flowers. Blossoms attain a diameter on well grown plants of two inches and over and come quite true from seed. The value of Daisies for Spring bedding is well known and appreciated. In this selection which we are offering you this season will be found a strain which for beauty and size cannot be excelled.

- WHITE—A pure snowy white of very large size.....25c
- ROSE—A dainty shade of pure rose.....25c
- ROSE SHADED WHITE—Ground color rose, edges of all the petals being handsomely tipped pure white.....25c
- RED—A brilliant deep red with all of the petals handsomely quilled25c
- ROSY WHITE—A delicate combination of rose on a white ground25c

GERBERA (TRANSVAAL DAISIES)

Pkt.

We were fortunate during the past season in being able to secure a fine lot of seed of these beautiful Transvaal Daisies. The strain includes all colors from pure white to darkest crimson with all of the intervening shades of orange, yellow, pink, salmon etc. These Gerberas are easily raised from seed and blossom the first season after sowing. As cut flowers they are unexcelled as they last over a week in water. An extra choice mixture including all colors.....50c

THREE EXTRA GOOD MIGNONETTES

The following are three extra good selections of these old fashioned Annuals. The colors are distinct, the spikes of large size and deliciously fragrant.

Pkt.

- SALMON RED—A splendid new shade.....25c
- GOLDEN QUEEN—A beautiful yellow.....15c
- GOLIATH—As the name implies, a very large flowered Mignonette. Strong, compact habit with rich dark green foliage. The giant trusses have a reddish cast. The color is very brilliant, somewhat deeper than the variety Machet25c

MYOSOTIS (FOR-GET-ME-NOT)

Pkt.

- INDIGO BLUE—A charming new shade in for-get-me-nots, the color being a beautiful shade of indigo. It is richer and darker than any other variety. Wonderfully effective as a bedding plant and of splendid value for cutting purposes.....25c



New Eldorado Poppies

THE MOST BEAUTIFUL POPPIES EVER INTRODUCED



IT IS not often that we are able to present to our customers a strain of such exceptional merit as these superlatively beautiful Poppies. They are the result of careful crosses between the Shirley and Ranunculus flowered types. THE TINTS AND COLORS TO BE NOTED IN THIS NEW STRAIN SIMPLY BEGGAR DESCRIPTION. It is replete with shades of SALMON ORANGE, SATINY PINK, PEACH BLOSSOM, SOFT ORANGE SCARLET, PURE WHITE, etc., with a total absence of the dark shades noted in the ordinary strain of Papaver Rhoeas wherein black blotches manifest themselves at the base of the petals, thereby destroying the delicate coloring which is to be noted in a strain where this effect is totally lacking. A delicate and charming effect may be secured by sowing these Poppies in conjunction with wheat; we would only add that whether they are sown by this method or in solid beds or borders the effect of the plants in bloom is superb. THE SHADES NOTED IN SOME OF THE FLOWERS ARE AS DELICATE AND BEAUTIFUL AS ARE THOSE TO BE SEEN IN THE FINEST GRADES OF CHINA SILK.

Seed of these Poppies may be sown anytime after October; a last sowing may be made during the months of January and February provided a constant display be desired. In cold sections of the country they may be sown as late as March, but in Southern California or similar climate we advise early sowing. Price per packet, large size, 50c; small size, 25c.

NEW BALCONY PETUNIAS

A superb new strain of medium size bedding Petunias. While the flowers are not so large as those of the Superbissima type they are produced in vastly greater profusion. So free are they in this respect that the blossoms literally cover the plants. For park way planting or solid beds in the garden these Petunias will produce an unbroken display of color from early Spring until late Autumn. We offer them in three separate colors.

	Pkt.
BALCONY WHITE—Pure snowy white.....	25c
BALCONY ROSE—A splendid shade of rich rose.....	25c
BALCONY CRIMSON—A beautiful shade of carmine crimson	25c



A Typical Flowering Head of Our New Celosias, the Feathered Head Being Over Eight Inches in Diameter

A BEAUTIFUL STRAIN OF PINKS (DIANTHUS PLUMARIA) DOUBLE PERPETUAL

A new strain of clove scented Pinks which originated in France. The blossoms are beautifully fringed, large in size and produced in endless profusion throughout the entire season. They are as deliciously scented as the old fashioned clove pink with the additional advantage that the flowering extends over a much greater period of time. Easily raised from seed, and if sown early will blossom the same season. Quite hardy and should be planted in every garden. All colors mixed....50c

SALPIGLOSSIS

Among the various free flowering Annuals there are but few more easily grown than Salpiglossis. During the past few years numbers of fine strains have made their appearance, showing a great improvement both by way of color and size. A bed of these beautiful plants is easily one of the most striking features in any Summer or Autumn garden. The strain we offer you below represents the acme of perfection to which Salpiglossis have been brought at the present time. The blossoms are gloxinia shaped in form with wide open throats. The color series in the strain is one of exceptional beauty. We offer them in the following colors.

PURPLE, BROWN AND GOLD—A unique combination of colors	25c
GIANT CRIMSON—Dwarf compact plants, bearing immense blooms	25c

LILAC & GOLD—A combination of two beautiful shades in a single flower.....	Pkt. 25c
PURPLE—A wonderful shade of Elks purple, bright and glossy	25c
CRIMSON—A splendid shade of rich crimson.....	25c
MIXED—All colors	25c
BLUE & GOLD—A delightful combination of colors.....	25c

SUN FLOWER

NEW HYBRIDS OF CUCUMERIFOLIUS

A remarkable break has been secured in Sunflowers through the introduction of these beautiful new hybrids of the small flowered variety of Cucumerifolius. The strain contains a remarkable range of colors, the plants are dwarf and compact in their growth and blossom from early Summer until late Autumn. Unlike the ordinary Sunflowers, these flowers are quite small and have none of the coarseness apparent in the first hybrids of this class introduced several years ago.

We first saw this new strain growing in France during the Summer of 1919 and were at once attracted by their beauty and effectiveness as bedding plants. The various colors include chocolate, brown, red and bronze, as well as bi-color flowers wherein the center is brown or red and the exterior zoned golden yellow.

From a small quantity of seed secured we have managed to save a fair amount which we offer our customers for the first time.....50c

SWEET WILLIAMS

GIANT AURICULA EYED

An elegant strain of these old fashioned biennials. It is remarkable for the immense size of the individual trusses and blooms. The center of the flowers are pure white zoned with various shades of crimson, pink, rose, etc., at the exterior. This particular selection of Sweet Williams is of French origin and is unquestionably one of the best which has yet come under our notice.....25c

TITHONIA SPECIOSA

A remarkable new plant recently introduced from Mexico, bearing during Autumn immense quantities of beautiful orange red flowers, not unlike a single Zinnia. From seed sown in Spring splendid flowering specimens may be had during the following Autumn. Very useful for cut flower purposes.....25c

VERBENA

(H & S PRIZE MIXED)

Verbenas are easily grown from seed and can be flowered within a comparatively short space of time after being planted out. The strain which we offer you is our own and from which we have raised such varieties as Crimson King, Scarlet Queen etc. The trusses and individual florets are of immense size and contain a wide range of color including all shades from purest white to darkest crimson with the intervening shades of pink, purple, rose, lilac, lavender etc. For mixed bedding these Verbenas are of exceptional merit. Extra choice 25c |

NEW PICOTEE ZINNIAS

One of the most distinct breaks to be noted in Giant Flowering Zinnias. The flowers are of various ground colors, pink, scarlet, rose, etc., beautifully tipped with various colors at the ends of the petals, some are tipped with chocolate, brownish crimson, others with crimson etc. The bizarre effect of these flowers is very pronounced. Zinnias are especially adapted for warm, sunny beds. This new strain offers an exceptional mutation from the ordinary types heretofore in cultivation 25c |

NEW ZINNIA "VICTORY"

A new departure by way of form, in Zinnias, and quite as sensational in character as the Picotee type. The petals, instead of being flat are quilled. The flowers are very large and remind one of a close petaled Cactus Dahlia. We offer only one color this season, a beautiful shade of burnt orange.....25c

GENERAL COLLECTION of CHOICE FLOWER SEEDS

ACROCLINIUM

A pretty annual flower everlasting in quality. Very effective in borders during its blooming season with the additional advantage of being valuable in a dry state for house decoration. Height 15 inches.

	Pkt.
Double Rose	10c
Double White	10c

AGERATUM

These are easily grown from seed and will flower freely the same season as sown. Withstands the hottest summers but will not stand frost to any extent. Spring sown seed blooms eight to ten weeks after sowing. Splendid for carpet bedding, edging or pot work. We offer you three good selections.

NANUM COMPACTUM—Height 10 in., white.....	10c
PRINCESS PAULINE—Body of flower white, anthers sky blue. Height 9 inches.....	15c
MEXICANA—White, tall growing, of branching habit. Height 15 inches.....	10c



Dwarf Ageratum

ALYSSUM

An exceedingly free blooming dwarf annual, unexcelled for use as a ground cover. Also available for carpet bedding or for edgings.

LITTLE GEM—A pure white form of dwarf prostrate habit, similar to Lilac Queen in every respect save color	10c
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AMARANTHUS SALICIFOLIUS (FOUNTAIN PLANT)

One of the handsomest of annual foliage plants. The foliage, by way of color, is a lovely combination of red and yellow, drooping in habit, and exceedingly effective when planted as an alternative with the ornamental varieties of Chilean Beet. Hight 2 feet. Per packet 15c.

AMARYLLIS (HIPPEASTRUM) H. & S. SPECIAL HYBRIDS

For over twelve years we have devoted our attention to the improvement of Amaryllis until we believe today we have one of the finest strains in existence. The flowers frequently measure ten inches in diameter. They range in color from the pure white ground color with markings of rose, red, etc., to rich orange scarlet, cherry, bright red, crimson, mottled, striped, etc. When grown from seed a

few flowers will sometimes occur the second season after sowing. During the third season, however, a magnificent show of blooms may be had, providing the plants have received intelligent and liberal cultivation. The seed we offer is saved from our very finest selected varieties, carefully hand fertilized.

	Pkt.
H. & S. SPECIAL HYBRIDS, all colors.....	Pkt., 50c



Giant Amaryllis

ANTIRRHINUMS (SNAPDRAGONS)

We direct your attention to the extra fine quality of our various strains of Antirrhinums. These have been carefully grown at our Rivera seed farms and will be found quite true to color description. For planting out in Herbaceous borders or for massing effects in shrubbery borders Antirrhinums will be found particularly useful. Their culture is easy, they grow well in any garden soil and are of great value as cut flowers. The colors noted in the following set are all distinct.

	Pkt.
ANTIRRHINUM MAJUS—The tall growing type, reaching a height of some 24 to 30 inches.	
FIREFLY—Bright scarlet with white throat.....	15c
GALATHEA—Deep crimson	15c
GOLDEN KING—Superb golden yellow.....	15c
NOBILE—Purple with white throat.....	15c
QUEEN VICTORIA—Snowy white.....	15c
PURPLE KING—Deep purple crimson.....	15c
MIXED—All varieties of the above and other shades as well.....	15c

ANTIRRHINUM NANUM—The following are a splendid selection of semi-dwarf, giant flowering varieties, ranging in height from 18 to 24 inches.

BONFIRE—Glowing orange scarlet. A wonderful shade	15c
AMBER QUEEN—A splendid shade of amber yellow.....	15c
COTTAGE MAID—Pale pink with white throat.....	15c
CRIMSON KING—A splendid deep rich crimson.....	15c
FAWN—Terra cotta pink and pale yellow.....	15c
NANUM MIXED—A choice mixture of all the best semi-dwarf Antirrhinums	15c



Autirrhinums

ARABIS ALPINA (ROCK CRESS)

A handsome hardy perennial plant, easy to raise from seed and one of the earliest and prettiest Spring flowers for the rockery or for borders. The spreading tuft-like plants are covered with a sheet of pure white flowers. Height six inches. Per Pkt., 10c.

**ARCTOTIS GRANDIS
(AFRICAN DAISY)**

Pearly white daisy-like flowers shaded with delicate mauve at the tips of the petals. There are few flowers grown more valuable for cutting purposes. The flowers last a week or ten days after being cut. Height 30 inches. Per Pkt., 10c.

ASTERS

These are one of our leading specialties, and we have spared neither pains nor expense in bringing our strain to the highest perfection. The engraving on page 64 conveys a good impression to the character and quality of our reselected stocks. The seed has been saved from the choicest and most perfect flowers only, and may be relied upon for absolutely good results.

H. & S. RESELECTED GIANT CREGO TYPES. Height 24 to 30 inches. We can offer you these in four colors:

	Pkt.
WHITE—Immense pure white.....	15c
ROSE—Deep rich rose.....	15c
PINK—Delicate shade of shell pink.....	15c
PURPLE—Dark rich bluish purple.....	15c
MIXED—All colors	15c

NOTE—In our reselected strain of these splendid Asters the large, fluffy chrysanthemum like flowers often measure five to six inches in diameter. Another notable fact about this particular strain is that they will last longer when cut than any other Aster.

ASTER

PACIFIC BEAUTY—One of the most charming asters in existence and one which was admired by all who saw it in bloom in our trials. The petals of the flowers are loosely arranged, blossoms borne on long wiry stems, and are one of the most pleasing shades of lavender imaginable. Height 20 inches. Per Pkt. 25c.

AUBRETIA GRAECA

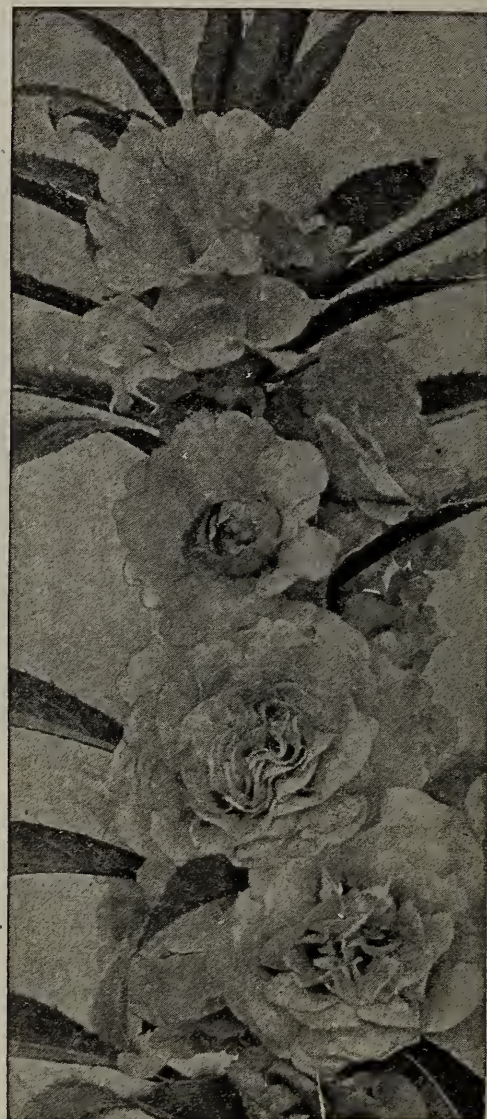
A hardy perennial with deep mauve flowers. Used extensively for carpet bedding. It produces great masses of bloom and is a charming companion to yellow Alyssum of blue Ageratum. Height six inches. Per Pkt., 15c.

BALSAM**H. & S. IMPROVED CAMELLIA FLOWERED**

A favorite old fashioned annual bearing large numbers of Camellia like flowers on the various branching stems of the plants. Valuable for growing in pots for interior decoration or for bedding in any sunny bed.

Our strain bears flowers of extraordinary size. Blossoms of perfect form and brilliant color. Height eighteen inches.

	Pkt.
MALMAISON PINK—A lovely shade of brilliant pink.....	15c
DOUBLE WHITE—Immense pure white flowers.....	15c
SALMON ROSE—An exquisite shade of rich salmon.....	15c
MIXED—All colors	15c



Camellia Flowered Balsam "Salmon Rose"

BEET**FOLIAGE OR BEDDING BEET**

In England and on the Continent various ornamental varieties of beets are largely grown and are one of the most attractive of Summer bedding plants. There is nothing more showy than their brilliant and glossy vari-colored foliage.

	Pkt.
BEET CHILIAN—Deep crimson. Height 24 inches.....	15c
BEET CRIMSON, WILLOW LEAVED—Graceful, irregularly formed foliage. Height 30 inches.....	25c

BEGONIAS

As bedding plants Begonias rank with Geraniums and Coleus. The varieties we offer you are of the semperflorens type. They succeed as well in the sun as in the shade. Are also useful for growing in pots and are easily raised from seed.

	Pkt.
BEGONIA SEMPERFLORENS, MIXED—All colors from purest white to darkest crimson. Height 10 inches	15c

CALENDULA (POT MARIGOLD)

It has only been since the introduction of splendid improved types of these old fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and the flowers large and quite double. Extra fine for cutting.

ORANGE KING—One of the best. Extra large deep orange colored flowers.....	10c
LEMON QUEEN—Color a rich bright yellow.....	10c
MIXED—All colors.....	10c

CALLIOPSIS

Showy and beautiful free flowering annuals, of the easiest possible cultivation. They do well in any sunny position and are splendid for massing or for cut purposes.

DRUMMONDI, GOLDEN WAVE—Rich orange yellow with brown eye. Height 18 inches.....	10c
CRIMSON KING—Velvety crimson, 9 inches high.....	10c
ANNUAL MIXED—A superb mixture, including all shades of colors and combinations of colors in brown, golden yellow, etc.....	10c

CAMPANULA

CARPATICA WHITE—One of the daintiest of the family. An exquisite bell flower of low prostrate growth, bearing a wonderful profusion of pure white flowers in early Spring. Valuable for rockeries or as a basket plant.....

CARPATICA BLUE—Identical with the white form, and quite as free flowering, bearing enormous quantities of beautiful bell shaped, deep blue flowers. The particular shade of blue to be noted in this particular variety is one of great beauty.....

CANDYTUFT

Among the hardy and quickly grown annuals the various varieties of Candytuft are particularly valuable subjects. Those who are not already acquainted with the large flowered varieties and the delightful new shades to be noted in some of the later selections have a pleasant surprise in store. They are not only valuable for bedding, but make splendid subjects for interior decoration as cut flowers. Height fifteen inches.

GIANT HYACINTH FLOWERED WHITE—The largest and best white grown. Our selection of this is extra choice.....	15c
CARMINE—An attractive shade of carmine.....	10c
FLESH PINK—A pretty shade of pale pink.....	10c
LILAC—Clear mauve or lilac blooms.....	10c
MIXED—All colors.....	10c

CANNA

Among the various specialties which we grow we may state that our collection of named varieties of Cannas is second to none in the country, and some splendid seedlings are obtainable from the seed of our strain.

HUNGARIA—We have found from trials that a goodly proportion of pink flowers may be reproduced from seed of this exceedingly fine variety. A peculiar thing in connection with the seedlings is that aside from the pink colors produced, good yellows are obtainable

H. & S. SPECIAL MIXED—From the choicest named varieties, including also seed saved from some of our own selected crosses.....

CENTAUREA IMPERIALS (GIANT SWEET SULTAN)

A highly improved strain of Centaureas with flowers of magnificent size and a wide range of colors. Being good keepers in water, they are much prized as cut flowers. The distinctive character and informal shape of the blossoms adds a grace and charm distinct from all other cultivated plants. Height 30 inches.

	Pkt.
IMPERIALIS, WHITE—Extra large.....	10c
IMPERIALIS, ROSE	10c
IMPERIALIS, DARK PURPLE	10c
IMPERIALIS, LILAC	10c
IMPERIALIS, MIXED	10c
SUAVEOLENS (YELLOW SWEET SULTAN)—Like Centaurea Imperialis in general formation of bloom, but with flowers of a lovely, pure, rich, yellow.....	10c



Corn Flower "Double Blue"—An Extra Fine Selection

CENTAUREA CYANUS (CORNFLOWER)

An old, well-known favorite. Greatly prized for cutting purposes. We call special attention to our new double blue. This variety will produce 60 to 70 per cent of double blooms, the flowers being much larger than the old single type.

DOUBLE BLUE	15c
SINGLE BLUE—Height 2 feet.....	10c
DOUBLE MIXED—Contains various colors of double flowers	15c



Cockscomb Dwarf Empress

CENTAUREA

Pkt.

CANDIDISSIMA (DUSTY MILLER)—One of the handsomest of all dwarf bedding plants. Our selection of this particular variety is one of unsurpassed quality. The foliage is a uniform, beautiful silvery white, and the plants as even in growth as though they were sheared. Height 12 inches. Highly recommended for bedding or for edging purposes.....15c

CELOSIA CHILDSII

A splendid novelty in annual flowers. Belongs to the Cockscomb family and differs from the ordinary Cockscomb or pyramidal flowered Celosia in that the inflorescence occurs in a ball shaped form. The color is dark crimson. Heads of bloom are four to five inches in diameter and freely produced on stout branching, compact plants. A bed of these in bloom at our nursery last year excited much admiration. Per Pkt., 15c.

CELOSIA CRISTATA (COCKSCOMB)

An old-fashioned favorite much prized for bedding. Is equally valuable for growing in pots for interior decoration. The seed we offer has been saved exclusively from large, well formed combs.

GIANT CRIMSON—A grand strain with immense perfectly formed combs borne on plants which attain a height of 3 feet.....25c

DWARF EMPRESS—Large and perfect combs. Deep crimson color. Very choice. Height 8 inches.....15c

CANTERBURY BELLS

These favorite old-fashioned flowers thrive well in all sections of the country. Our strain of the Calycanthema or cup and saucer type is an exceedingly fine one. They come almost true to type, each blossom having its well defined cup and saucer form of bloom. There is a vast difference in the quality of the various strains to be noted under this heading. We believe you will find the seeds we offer you to be as good as you can possibly procure.

CALYCANTHEMA—(Cup and Saucer type).

WHITE	15c
BLUE	15c
BRIGHT ROSE	15c
LAVENDER	15c
MIXED—All colors	15c
SINGLE VARIETIES —A selection of clean and decided colors.	
WHITE	15c
ROSE	15c
BLUE	15c
MAUVE	15c
MIXED	15c

**CHRYSANTHEMUM
(ANNUAL VARIETIES)**

- CARINATUM DOUBLE WHITE**—A splendid double white form of the annual Chrysanthemums, with large, well formed blossoms, double to the center. Splendid for cut flowers, ideal for Summer and Autumn bedding.....15c
- CARINATUM DOUBLE RED**—A handsome companion to the above with flowers of similar shape and size, but a distinct shade of brownish red in color.....15c
- STAR OF THE EAST**—A handsome single uni-color variety with brown, yellow and pale lemon colored blooms15c

CLARKIA

An old fashioned annual which has been greatly improved during recent years. The long, slender racemes of flowers are excellent for cutting purposes. They last well in water and give a wonderful show of color in the garden. The following are among the best:

- DOUBLE ROSE**—A distinct shade of deep rose.....15c
- VESUVIUS**—Rich, fiery red. Very bright.....15c
- SCARLET QUEEN**—Bright scarlet.....15c
- PURPLE KING**—Splendid deep rich purple flowers.....15c
- SALMON QUEEN**—An exquisite shade of pure salmon15c
- ALBA**—The best pure white.....15c
- MIXED**—All colors.....15c

COBEA SCANDENS

An elegant vine of very rapid growth which can be easily raised and flowered from seed the same season. The flowers are quite large, about three inches across, and in shape not unlike those of the Canterbury Bells. It has handsome bronzy foliage and is remarkable for its rapid growth which makes it particularly adaptable for quick work in covering fences, pergolas, etc. Seed should be sown in early Spring for flowering the following Summer. Highly recommended as a shade producing vine.....15c

CONVOLVULUS

UNICALIS MINOR—This little known dwarf Morning Glory or Convolvulus is unquestionably one of the most beautiful bedding plants for Summer work. The foliage is quite distinct from that of the ordinary type of Morning Glory. The plants form compact bushes about one foot high and are literally smothered with flowers of a deep rich blue color. A bed of this particular variety in bloom attracts attention at once. While not a new thing it is one of those common, meritorious annuals which has been generally overlooked. This variety will be found especially adaptable for planting near the sea shore. It does well in soils of a light nature and produces a veritable sea of color throughout the season15c

COREOPSIS GRANDIFLORA

A hardy perennial bearing masses of golden yellow flowers throughout the major portion of the year. Splendid for cutting. Height 30 inches.....10c



Star of the East Chrysanthemum

COSMOS

Favorite Summer and Autumn flowering annuals producing an endless succession of flowers over an extended period. The strains we offer are the finest procurable, with blooms of exceedingly large size and a fine selection of colors. We call your special attention to the new double types.

- Pkt.
KLONDYKE—Handsome, large, orange colored blooms. Should be planted early, as is invariably flowers late in Autumn.....10c
- NEW DOUBLE MIXED—Beautifully formed blooms having in a cushion-like center of short florets not unlike, in many respects, the Anemone flowered Chrysanthemums. The plants are very free blooming and will produce about 70 to 80 per cent of double flowers. All colors mixed, including white, crimson, rose, pink, etc.....25c
- LADY LENOX—Bright rose. One of the new mammoth types.....15c
- LADY LENOX WHITE—Large pure white.....15c
- MAMMOTH EARLY FLOWERED CRIMSON15c
- MAMMOTH EARLY FLOWERED ROSE15c
- MAMMOTH EARLY FLOWERED WHITE15c
- MAMMOTH EARLY FLOWERED MIXED15c

DAHLIAS

Although it is not commonly known, Dahlias can be easily raised from seed and flowered the same season during which the seed is sown. During the past year we harvested a small quantity of seed from some of our very finest shy seeding named varieties. From a collection, in fact, which is second in point of quality to none in the country. Seed may be sown at any time during February, March or April, and a bountiful crop of bloom be assured during September, October and November.

- H. & S. PRIZE MIXTURE—Contains a splendid selection of the very choicest large flowering types, including Cactus, Decorative, Paeony flowered varieties25c
- CHOICE MIXED—Including Pompon, new single coccinelle and mixed colors saved from ordinary named varieties15c



Delphinium Blue Butterfly

DELPHINIUM (PERENNIAL LARKSPUR)
Choice New Hybrids of the Elatum Type

Shades of blue are exceedingly scarce in flowers, yet there is scarcely a shade which cannot be found in a good strain of choice perennial Larkspurs. Our seed of this particular strain is saved from a magnificent collection, one of absolutely unexcelled quality. A few of the shades to be noted in the mix-

Pkt.
ture are Sapphire, Turquoise, Gentian, Sky Blue, etc. As back row flowers in the herbaceous border they are well night indispensable. In English gardens they are invariably the most conspicuous and highly prized amongst herbaceous plants. You will find the strain all that we recommend it to be.....25c

BELLADONNA—A splendid variety of Perennial Delphinium. The flowers are an exquisite shade of sky blue, and are borne on long wiry stems which makes them particularly valuable for cutting purposes. This variety blooms without intermission from early Spring until late Autumn and the clumps last from season to season, as it is a true perennial.25c

“BLUE BUTTERFLY” (ANNUAL)—A handsome annual variety which attains a height of some 18 inches. The flowers are a rich, bright blue in color, grows easily from seed and blooms within a comparatively short space of time after sowing.....15c

AZURE FAIRY—A dainty, dwarf annual Delphinium, a fine companion to Blue Butterfly. Flowers are a distinct shade of azure blue. The plants attain a height of about one foot and blossom from early Spring until late Autumn.....25c



Dimorphotheca Hybrids

DIANTHUS (ANNUAL PINK)

Although usually treated as annuals, these Dianthus are really biennial in character and will flower again the second year, if not killed during the Winter.

Pkt.
SUPERBISSIMA—A splendid strain of annual Pinks, with deep fringed and ruffled blossoms. Flowers exceedingly large and with a wide assortment of colors. Undoubtedly the finest strain of single Dianthus in existence15c

DIADEMATUS (Double)—The beautiful diadem pink. Colors rich and varied, including mottled and marked varieties15c

DIMORPHOTHECA

A comparatively new annual from South Africa, producing an abundance of daisy-like flowers, some 2½ inches across. Blooms within a few weeks after sowing. Height 12 inches.

Pkt.
AURANTIACA—Rich, glistening orange, with a brownish disk at center of bloom.....10c

AURANTIACA HYBRIDS—Extra choice. A new series of hybrids offering a unique assortment of shades extending from purest white through tints of orange, yellow, red, salmon.....15c

DIGITALIS (FOXGLOVE)

Handsome, hardy plants of sturdy growth, succeeding under the most adverse conditions. Spikes four to five feet high with giant flowers in all shades of color. Unequaled for naturalizing in shrubberies at the edge of woods or other half shady places.

	Pkt.
GLOXINIA FLOWERED WHITE —Immense spikes of pure white flowers	15c
GLOXINIA FLOWERED ROSE —A splendid shade of deep rose	15c
GLOXINIA FLOWERED PURPLE —A rich shade of deep purple	15c
GLOXINIA FLOWERED —Mixed colors. Giant flowers spotted and shaped like Gloxinias.....	15c
IVEDY'S SPOTTED —Like the former, but with more conspicuous spots	15c

EUPATORIUM

FRASERI—A splendid perennial plant covered during the latter portion of the year with hundreds of snow-white flowers. They resemble in many respects giant Ageratums of splendid value for cutting purposes.....15c

ESCHSCHOLTZIA (CALIFORNIA POPPY)

GIANT ORANGE SCARLET —A remarkable selection and without question one of the handsomest of all types of California Poppies. Blooms exceedingly large. In color a luminous shade of rich orange scarlet. One of the finest novelties in annual plants introduced in a long time.....	25c
GOLDEN WEST —Enormous flowers. Deep rich yellow with an intense orange colored center.....	10c
CARMINE KING —Flowers a distinct shade of bright carmine rose. Extra good	10c
WHITE —A good selection with creamy white flowers.....	10c



Gaillardia—New Giant

GAILLARDIA

The ease with which Gaillardias may be grown from seed, their extreme hardiness, brilliant and unique colors to be noted in the blossoms, places them in the front rank of hardy plants. We call your particular attention to our strain of giant flowering Gaillardias. The blossoms are of mammoth size, and include all the various colors and combinations of colors. If you want something for cutting purposes make a sowing of these.

GAILLARDIA GRANDIFLORA —Hardy perennial. H. & S. choice mixed. Giant flowers. A strain of exceedingly fine quality.....	15c
LORENZIANA —Annual. Large double flowers in a splendid assortment of colors.....	10c
THE BRIDE —A splendid selection of the Lorenzana type of Gaillardias, bearing large quantities of creamy white flowers. Fine for cutting.....	15c

GEUM, "MRS. BRADSHAW"

A recent introduction and one of the most meritorious additions to perennial plants in a long time. The flowers are large, quite double and of the brightest possible scarlet. Invaluable for cut flower purposes. Height 18 inches.

PRICE	Pkt.
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Godetia—Crimson Glow

GLADIOLUS

Our collection of named Gladiolus is second to none in this country, in addition to which we have some remarkably fine seedlings of our own production. The seed we offer has been carefully saved from the very finest large flowered types and may be depended upon to produce some unusually fine sorts. Will flower the second year.

H. & S. PRIZE MIXED —All colors.....	25c
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GODETIA

A showy class of annuals with large, variously colored flowers producing a constant blaze of color in the garden over a long period of time. Nothing is more conspicuous than a clump of well grown Godetias.

CRIMSON GLOW —Dark fiery crimson.....	10c
DOUBLE MAUVE —A good, even shade of mauve.....	10c
DOUBLE ROSE —Deep rich rose. Extra fine.....	15c
DUCHESS OF ALBANY —Elegant silvery white.....	10c
MIXED —All colors.....	10c

GYPSOPHILA

Although the flowers of Gypsophila in themselves are somewhat insignificant in character, they tend to give a beautiful and feathery effect to flower arrangements of all kinds. The blossoms are produced in panicles. The individual flowers are quite small but are produced in great abundance. As a decorative accompaniment to Sweet Peas, Carnations, etc., they are unexcelled.

ELEGANS GRANDIFLORA —(Annual.) Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing.....	10c
PANICULATA —A hardy perennial variety. Smaller flowers than Grandiflora, but equally valuable for cut flower purposes	15c



Gypsophila Paniculata

HELICHRYSUM (STRAW FLOWER)

A well known class of everlasting flowers which are prized not only for their value as plants in the garden but for their use as cut flowers for Winter decorative purposes. The flowers after being cut retain their color and form without fading. We offer this season a very fine strain of the Monstrosum type. The flowers are of gigantic size, the colors rich and varied.

	Pkt.
MONSTROSUM WHITE—Very large flowered pure white	15c
MONSTROSUM YELLOW—A handsome shade of golden yellow	15c
MONSTROSUM SALMON RED—A unique shade of rich, salmon red.....	15c
MONSTROSUM ROSE—Deep, bright rose.....	15c
MONSTROSUM PURPLE—A distinct shade of dark purple	15c
MONSTROSUM BROWN—A peculiar shade of brownish red	15c
MONSTROSUM MIXED—All colors	15c

HELIOTROPE

The seed we offer of this popular favorite has been carefully saved from the very finest named varieties. It is nothign unusual for the plants to bear heads fully 12 inches in diameter, produced on compact growing plants. Seed sown in early Spring will produce full grown plants for July blooming. They can be lifted in the Autumn and used as pot plants during Winter in cold sections. Height 15 to 18 inches.

LEUR d'OPALE—Giant lavender blue.....	25c
CENTIFLEUR—Giant, dark blue.....	25c

HOLLYHOCKS

A superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. A sowing made in early Spring will flower, with good cultivation, during the ensuing Summer and Autumn. There is nothing more attractive as back row plants than Hollyhocks.

PURE WHITE	15c
NEWPORT PINK	15c
ROSE	15c
CHERRY RED	15c
YELLOW	15c
FAUST—Flowers almost pure black.....	15c
MIXED—All colors.....	15c

SINGLE ALLEGHENY—A remarkably free flowering strain of Hollyhocks with semi-double or single flowers. Many of the blossoms are beautifully fringed with the edges of the petals handsomely undulated....15c

HUNNEMANNIA (MEXICAN POPPY)

FUMARIAEFOLIA—A native Mexican Poppy of exceeding grace and beauty. The flowers are a beautiful, deep lemon yellow, and are produced in wonderful profusion. One of the best of all for cut flower purposes10c

LARKSPUR (ANNUAL)

The annual Delphdiniums, or Larkspurs as they are commonly called, are quite hardy, and produce over a long period splendid spikes of bloom of an exceedingly graceful and attractive appearance. The taller varieties are suitable for shrubberies and borders, while the dwarf strains are splendid as bedding plants. A bed of the various shades lends a charming effect to any garden.

DWARF ROCKET—Mixed, all colors. Height one foot..	10c
GIANT STOCK FLOWERED—A tall growing strain, with splendid spikes of bloom. Height 2 to 3 feet.	
PURE WHITE	10c
DELICATE FLESH	10c
DARK ROSE	10c
LILAC	10c
DARK BLUE	10c
MIXED—All varieties	10c

LINARIA MAROCANA

EXCELSA HYBRIDS—A splendid strain of dwarf Linarias containing a wonderful range of colors. The flowers are quite small, borne in dense masses on slender stems, making, when in full bloom, veritable masses of color. They are of exquisite effect when used in beds or borders.....25c

LINUM

GRANDIFLORUM RUBRUM—An elegant, free flowering, hardy annual, easily raised from seed. Its brilliant scarlet flowers attract the attention at once. Height 12 inches.....10c

LOBELIA

Highly desirable for edgings, ribbon bordering as well as for pot culture. The plants are easily raised from seed: and during the flowering period are covered with a sheet of bloom.

CRYSTAL PALACE GEM—Dark Blue.....15c



Double Hollyhocks

LUPINS (NEW HARDY HYBRIDS)

The hardiness of various perennial Lupins and their adaptability to so many purposes in garden ornamentation makes them an exceedingly valuable, all-around purpose plant. The flowers are delicately scented and the handsome spikes are produced throughout a long season, usually beginning in early Spring and extending throughout the Summer. Height 3 feet.

	Pkt.
POLYPHYLLUS—A splendid mixture containing colors of white, rose, blue, lilac, etc.....	15c
POLYPHYLLUS ROSEA (NEW)—A particularly choice new Lupin with handsome spikes of rich pink flowers	15c



Lupin—Polyphyllus Rosea

LYCHNIS

An old garden favorite bearing heads of bright scarlet flowers. Excellent for massing in beds or borders. Absolutely hardy in character, blooming the first year if the seed is sown early. Height 2 to 3 feet.

CHALCEDONIUM—A handsome species with bright scarlet flowers	10c
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MARIGOLD

The various types of Marigolds, including the African and French varieties, are old favorite free flowering annuals of easy culture. The African sorts produce giant double flowers 3 to 4 inches in diameter. The French types are of more compact growth with double flowers variously blotched and marked, in shades of maroon, brown, yellow, etc. In common with many of our ordinary garden flowers Marigolds in recent years have undergone a great improvement. The strains we offer in this particular class will be found to produce flowers of exceeding beauty and of perfect form. We particularly recommend our strain of tall African Marigolds, and believe they cannot be excelled.

AFRICAN MARIGOLD TALL LEMON.....	10c
AFRICAN MARIGOLD TALL ORANGE.....	10c
AFRICAN MARIGOLD MIXED.....	10c

Pkt.

LEGION OF HONOR—A splendid dwarf Marigold belonging to the French class. The plants attain a height of some 9 to 12 inches. Flowers are beautifully marked with gold and brown, and are produced in such quantities as to completely cover the plant. An ideal subject planted in solid mass effect or for borders, etc.....

FRENCH GIANT STRIPED GRANDIFLORA MIXED—A splendid selection of the striped Grandiflora class. Flowers vary in color through shades of brown, yellow, etc.....	15c
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MIGNONETTE

A few plants of these scent the whole garden with their delicate fragrance. Sow in drills, as the seedlings do not transplant readily. Thin the seedlings when one or two inches high to one foot apart. Cover the seed one-eighth of an inch deep with finely sifted soil. Height 12 inches.

SWEET SCENTED—The old-fashioned variety, very fragrant	10c
MACHET—Large flowers with a delicious odor.....	10c
VICTORIA—Spikes of crimson flowers.....	10c

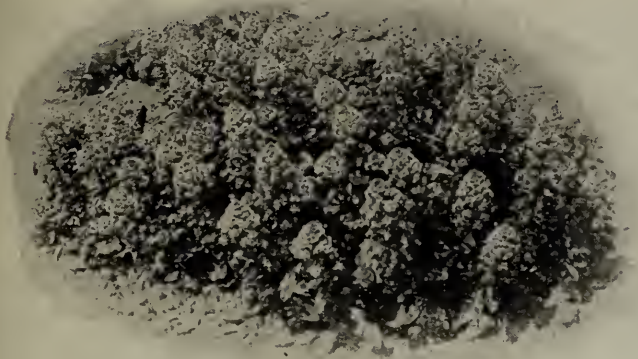


Larkspur—Giant Stock Flowered

MYOSOTIS (FOR-GET-ME-NOT)

Among the various flowers of early Spring there are few more appreciated than the various types of For-get-me-nots. All the colors are beautiful, from the pale blue of the Dissitiflora type to the deep blue Alpestris and the white and various rose colored shades. A liberal sowing made in Autumn or Winter will produce a large number of plants for blooming the following spring. Height 10 inches.

DISSITIFLORA—A magnificent pale sky blue For-get-me-not. Very long stems. One of the best for cutting	15c
ALPESTRIS, BLUE—A lovely shade of deepest blue.....	15c
ALPESTRIS, WHITE—A pure white.....	15c
ALPESTRIS ROSE—A handsome shade of light rose.....	15c



Mignonette Machet

NASTURTIIUMS

For duration of bloom, ease of culture and brilliancy of their blooms nothing can exceed these old-fashioned favorites. The varieties which we offer you are among the best.

TOM THUMB—DWARF OR BEDDING VARIETIES

	Pkt,
BRONZE—Burnished red.....	10c
CRYSTAL PALACE GEM—Orange yellow, garnet blotches	10c
CHAMELEON—A charming variety with variously colored flowers on the same plant.....	10c
CLOTH OF GOLD—Yellow foliage, scarlet flowers.....	10c
EMPRESS OF INDIA—A rich deep crimson.....	10c
GOLDEN KING—Superb golden yellow.....	10c
KING OF TOM THUMB—Scarlet, with dark foliage.....	10c
KING THEODORE—Crimson maroon.....	10c
PEARL—Creamy white	10c
ROSE—Delicate rose.....	10c
VESUVIUS—Rich deep apricot.....	10c
DWARF MIXED—Including all of the above varieties in a well balanced mixture.....	10c

NASTURTIIUMS—TALL OR CLIMBING VARIETIES

CHAMELEON—A charming variety with variously colored flowers on one plant.....	10c
DUNNETT'S ORANGE—Pure rich orange.....	10c
GOLD GARNET—Orange yellow with garnet blotches.....	10c
KING THEODORE—Crimson maroon.....	10c
PEARL—Creamy white	10c
PRINCE HENRY—Pale yellow with carmine blotches.....	10c
ROSE—A splendid selection of this desirable color.....	10c
SCARLET—An intense brilliant scarlet.....	10c
VESUVIUS—Rich deep apricot.....	10c
RUBY—Bright ruby red.....	10c
MIXED—All colors.....	10c

NEMESIA STRUMOSA

BLUE GEM—A dainty dwarf Nemesia bearing masses of deep blue flowers. Our selection of this is a very good one. The plants are compact in habit and fine for Summer bedding.....25c

PAPAVER NUDICALE (ICELAND POPPY)

A hardy perennial of delicate and refined beauty and which deserves greater recognition than it ordinarily receives. They succeed well in the colder sections of the country. They thrive in California in a semi-shady location. The plants retain their foliage all winter and come into bloom early in Spring.

MIXED—All colors, including white, yellow, orange, red, etc.....15c

PETUNIAS

Pkt.

H. & S. GIANT FRINGED AND RUFFLED, MIXED—Our own mammoth single strain of Petunias, the flowers being distinctly frilled and ruffled.....25c

PHLOX (ANNUAL)

The flowers of annual Phlox may now be had as large as those of the perennial border species with even a better and more varied range of colors. Phlox as a general thing withstand much rough treatment. They will grow and bloom freely under the harshest conditions. In gardens where masses of bloom are desired nothing can equal a good strain of Phlox.

GRANDIFLORA MIXED—Contains a wide range of colors. An exceedingly choice strain. Height 12 inches15c

NANA COMPACTA FIREBALL—The handsomest dwarf bedding Phlox in existence. Color deep red. Height 8 inches.....15c

NANA COMPACTA SNOWBALL—Pure white dwarf Phlox. A fine companion to the above.....15c

POLYANTHUS

These are often referred to as Primroses. They produce immense quantities of brilliantly colored heads of bloom in early Spring. They are particularly suited for shady borders or may be grown as pot plants for interior or window decoration. Height 9 to 10 inches.

CHOICE MIXED—Containing a well balanced mixture of white, yellow, bronze, red, etc.....25c

POPPY

Poppy seed should be sown where the plants are intended to flower. It is difficult to transplant them with any degree of success. In the strains which we offer you below you will find not only a wild selection of colors, but the best obtainable in their respective classes.

DOUBLE SHIRLEY POPPIES

One of the most valuable introductions by way of a new strain of annuals to be noted in a long time. The beauty of the well known single type of Shirley Poppy is even accentuated in this wonderful new strain of doubles. It



Myosotis Alpestris

contains a remarkable assortment of colors with beautifully frilled and undulated petals. It is a strain we recommend all of our customers to try for we are certain they will be more than pleased with the result. Per Pkt. 25c.

Pkt.

RE-SELECTED SHIRLEY—A superb strain containing all shades of colors from purest white through the various shades of pink, salmon, rose, maize, etc. Scarcely any two of the bloms are alike.....15c

CARNATION FLOWERED, MIXED—Splendid double fringed blossoms10c

PAEONY FLOWERED, MIXED—Large double Paeony-like flowers, well adapted for planting in beds or borders, etc.....10c



Mexican Poppy

PORTULACA

A splendid class of hardy annuals delighting in an exposed sunny situation, preferably in soil of a somewhat light character. For parkings, beds, edgings, or rock work Portulacas are admirably adapted. The seed we offer you is selected California grown stock that will give you a high percentage of germination and a splendid assortment of colors.

DOUBLE VARIETIES

A fine strain which produces a high percentage of beautiful double blossoms.

DOUBLE YELLOW15c

DOUBLE SCARLET15c

DOUBLE WHITE15c

DOUBLE MIXED15c

SINGLE VARIETIES

SINGLE SCARLET15c

SINGLE YELLOW15c

SINGLE PINK15c

SINGLE DARK ROSE15c

SINGLE MIXED15c

PYRETHRUM AUREUM (GOLDEN FEATHER)

A well known plant extensively used for edging and carpet bedding. The foliage is bright yellow and fern-like in character. Very easily raised from seed. Height 6 to 8 inches.....10c

RICINUS (CASTOR OIL BEAN)

Splendid tropical effects may be had with the various types of this plant. The foliage is large and growth exceedingly rapid. A plant in full perfection is luxuriant to a degree. Splendid for planting in lawns, clumps, etc. Height 8 to 10 feet.

Pkt.

ZANZIBARIENSIS—Leaves exceedingly large, stems generally red. The best class for ornamental bedding..10c

ROMNEYA COULTERII (MATILJA POPPY)

A majestic perennial plant native to the State of California. Flowers snowy white, 6 to 8 inches in diameter, with a highly contrasting bunch of yellow stamens at the center. Romneyas may be easily raised from seed. The best plan is to sow in the Autumn and prick off the seedlings as soon as they appear in the Spring. Very slow to germinate.

PRICE, per Pkt.....15c

SCHIZANTHUS

One of the prettiest of half hardy annuals and amenable to a variety of uses. In a climate similar to that of Southern California it makes an ideal bedding plant planted right out in the open. It can be grown in pots in greenhouses and brought into bloom during Winter and Spring when flowers are exceedingly scarce. A single package of seed will produce a large number of plants and furnish an abundant variety of flowers. The various shades of yellow, apricot, pink, salmon, carmine, rose, mauve, purple, with their various markings and combinations, and the graceful form and wonderful profusion in which the blossoms are borne should recommend them to everyone.

WISETONENSIS—Undoubtedly one of the finest strains in existence. Highly improved over the ordinary stocks15c



Statice Sinuata

STATICE

Aside from the value of Statice as plants for the border, they furnish an abundance of cut flowers which are of great value for mixing with bouquets. The blooms may also be dried and used in Winter Bouquets. They retain their color perfectly in a dry state. They do best in a rather sunny location.

SINUATA BLUE—Height 18 inches.....15c

SINUATA WHITE—Height 18 inches.....15c

SINUATA MIXED—White, lavender, blue, etc.....15c

Pkt.

LATIFOLIA—Splendid hardy Perennial with immense panicles of small lavender blue flowers. An ideal subject for mixing with Carnations, Roses, etc. Not unlike Gypsophila in general appearance. Height 2 feet15c

SUWOROWII—One of the handsomest of all the Statice family. The flowers are freely produced and are of great value for Winter bouquets.....15c

SCABIOUS

The large size and the varied colors of the blooms, ranging from white to pink, cherry red and blue, etc., render Scabious very desirable for bouquets, etc. Seed sown now in boxes and transplanted to the open ground, will make a bright display during Spring and Summer. Height 3 to 4 feet.

AZURE FAIRY—An exquisite shade of lavender blue.....15c

BLACK PRINCE—Deep maroon red, almost black.....15c

DOUBLE CRIMSON—Rich, bright crimson.....15c

DOUBLE WHITE—A splendid double white.....15c

DOUBLE FLESH PINK—A dainty shade of flesh.....15c

DOUBLE ROSE—Deep rich rose.....15c

DOUBLE MIXED—An assortment of all colors.....15c

STOCKS

No Spring garden can be considered complete without some of these showy annuals. The seeds we offer are saved from our own giant strains and will produce a high percentage of choice double bloomfs. It should be borne in mind that Stock seed is only saved from the single flowers, as the double flowers are absolutely sterile, the result being that there is always a percentage of singles in even strains of the highest quality. As a general thing the large, vigorous plants in the seed beds are the singles; the weaklings usually produce the choice double flowers. The percentage of doubles varies considerably in the different colors, but fully 60 to 70 per cent of fine double blooms may be depended upon from our seed. Height 18 inches.

MAUVE BEAUTY—A lovely new shade of the Nice type of Stocks. Of strong branching habit, and produces a very high percentage of double flowers. This stock is the nearest approach to a blue that we know of. Ideal for cut flowers.....25c

GIANT BEAUTY OF NICE TYPE—

PINK15c

WHITE15c

LIGHT BLUE15c

PURPLE15c

FLESH15c

CARMINE15c

CRIMSON15c

CRIMSON15c

CANARY YELLOW15c

MIXED15c

SUNFLOWERS

Pkt.

DOUBLE CHRYSANTHEMUM FLOWERED—Large double flowers.....10c

SINGLE YELLOW—Giant heads.....10c



Stock—Mauve Beauty

SWEET WILLIAMS

One of the most highly esteemd of all hardy garden plants. They are not only of easy culture, thriving in any garden soil, but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring, for blossoming the following year. Height 12 inches.

PINK BEAUTY—Single. Beautiful pure pink.....15c

HARLEQUIN—Unique owing to the fact that it bears a number of different colored blooms on the same plant15c

NEW ANNUAL—A new strain bearing large heads of bloom and flowering the same season the seed is sown. It may be depended upon to blossom within some ninety to a hundred and twenty days after sowing15c



Stocks Growing For Seed at Our Trial Grounds

Do not fail to make a sowing of these superb Spring and Summer blooming Giant Sweet Peas. They will begin to blossom when three to four feet high and furnish a continuous display of flowers from April to July. The seed we offer has been saved exclusively from the very best selected types of Spencer blooms. It is hand picked, plump, bound to germinate and bound to give you satisfaction.

TEN SUPERB NEW VARIETIES

Latest addition to Sweet Peas by way of color, size and length of stem.

AGRICOLA—White overlaid soft lilac.

AFTERGLOW—Reddish mauve with violet wings.

BLUE JACKET—Rich deep blue. One of the very best.

CONSTANCE HINTON—The best giant pure white.

DUPLEX PINK—A superb selection. Double. Countess of Spencer type. Extra large.

LADY EVELYN EYRE—Pale pink, slightly flushed salmon.

MARGARET ATLEE—Warm salmon pink overlaying cream ground. Extra large.

NEW MARGARET MADISON—Best pale lavender.

ROYAL PURPLE—Immense flowered, deep rich purple.

WEDGEWOOD—A lovely shade of light blue.

PRICE of any of the foregoing new Sweet Peas, liberal packages25c

All the above varieties in mixture.....25c

SPECIAL OFFER

One package of each of the above superb varieties, ten in all, for.....\$2.00



Sweet Peas Arranged With Sprays of Statice Latifolia

TEN SUPERB STANDARD VARIETIES OF SWEET PEAS

AMERICA—Ivory white striped crimson.

COUNTESS OF SPENCER—Beautiful clear pink.

ELFRIDA PEARSON—Lovely shade of soft pink.

FLORENCE NIGHTINGALE—Delicate soft lavender.

HELEN LEWIS—Deep orange rose.

KING EDWARD—Superb crimson scarlet.

MRS. ROUTZAHN—Straw, tinted with blush pink.

MRS. HUGH DICKSON—Creamy pink.

NUBIAN—Deep chocolate.

VERMILLION BRILLIANT—Deep, rich scarlet.

PRICE of any of the foregoing.....Pkt. 15c

All colors mixed.....15c

SPECIAL OFFER

One of each of the above ten varieties of Standard Sweet Peas for\$1.25

VALERIAN

Large, showy perennial plants, producing large corymbs of red or white flowers. Particularly valuable for the herbaceous border. They also make good cut flowers. Height 2 feet.

RUBRUM—RedPer Pkt., 10c

ALBA—WhitePer Pkt., 10c

WALLFLOWERS

New early flowering varieties which can be treated as annuals, if sown early in seed beds, will bloom freely during the coming Summer and Autumn.

EARLY PARIS MARKET—Light brown.....Per Pkt., 15c

GOLDEN GEM—Bright golden yellow.....Per Pkt., 15c

BLOOD REDPer Pkt. 15c

ZINNIAS

This is one of our leading specialties and without hesitation we recommend it as being one of the very finest strains in the country. We have spent over ten years in the improvement of these Zinnias. Each year selections have been carefully made until at the present time the strain may well be regarded as perfect. Flowers four to five inches in diameter and two to three inches deep are not uncommon on well grown plants. We strongly recommend our Eastern friends to make a trial of our seed and feel certain they will be more than pleased with the results obtained from same. Height 3 feet.

H. & S. PRIZE SCARLET—Rich, glowing scarlet.....15c

H. & S. PRIZE CRIMSON—Bright, rich crimson..... 15c

H. & S. PRIZE SULPHUR YELLOW—A dainty shade of light yellow15c

H. & S. PINK SHADES—Containing shades of rose, salmon and pink.....15c

Flowering Shrubs, Ornamental Trees and Hedge Plants

Our collection of plants comprised under this head is a very large and comprehensive one. We devote many acres of ground to the cultivation of shrubs, and especially those sorts which are of value to California gardens. It is impossible, in the limited space we have at our disposal in this bulletin, to give full descriptions, the subjoined being merely a check list. We will be glad to correspond with those who are interested in this class of plants, giving full details as to size, etc.

	Each		Each
ABELIA RUPESTRIS—An excellent shrub bearing numerous handsome pink flowers. Strong balled plants	\$ 1.00	ESCALLONIA MONTEVIDENSIS — Handsome foliage. Bears masses of pure white, sweetly-scented flowers. Balled plants.....	1.50
ACACIA BAILEYANA—Silvery white foliage. Splendid racemes of bright Canary yellow flowers.....	.75	EUONYMUS GOLDEN — Excellent for hedge work. Foliage dark green with gold variegations.....	.75
ACACIA FLORIBUNDA—A very free blooming variety, five to six feet high.....	.75	EUONYMUS JAPONICA AUREA—Gold and green. One of the best.....	.75
ACACIA CULTRIFORMIS — Handsome bluish green leaves. Five to six feet high.....	1.00	EUONYMUS SILVER VARIEGATED—Foliage beautifully marbled silvery white.....	1.00
ACACIA LINIFOLIA—An ornamental variety with long, narrow foliage. Four to five feet high.....	1.00	EUONYMUS MYRTIFOLIA—An excellent hedge plant. Two-inch pots .....	.15
ACACIA MELANOXYLON—The common black Acacia. Five to six feet high.....	.75	Three-inch pots .....	.35
ACACIA MOLLISSIMA—A very free blooming variety. Five to six feet high.....	1.00	EUCALYPTUS FICIFOLIA—The well-known scarlet-flowered form. Fine pot-grown specimens.....	1.00
ACACIA PODALYRIFOLIA—A rare species, very handsome. Four to five feet high.....	1.00	EUPATORIUM SEROTINUM — With feathery white flowers. Excellent for bouquet work.....	.35
ACACIA PRAVISSIMA—Deep rich yellow. Very free.....	1.00	GENISTA CANARIENSIS—Bears myriads of small golden-yellow pea-shaped blossoms.....	.75
ASTILBE DAVIDII—Feathery plumes of pure white flowers. A splendid hardy plant from China.....	1.00	GENISTA HISPANICA—With large golden-yellow pea-shaped flowers .....	.75
BERBERIS DARWINII — A handsome barberry with handsome orange-colored flowers.....	1.50	GINKGO BILOBA—The well-known Maiden Hair tree. All sizes from \$1.00 to \$5.00 each.	
BERBERIS ILLICIFOLIA — A distinct and beautiful species with deeply-notched leaves.....	1.50	GUAVA (STRAWBERRY)—Splendid for its fruit or for use as a hedge plant. Three-inch pot plants.....	.35
BERBERIS THUNBERGII — A deciduous barberry. Foliage exceedingly handsome during autumn.....	1.50	Balled plants	1.00
BUDDELIA VEITCHIANA—With handsome spikes of deliciously scented flowers. Three-inch pot plants.....	.50	HIBISCUS DOUBLE CRIMSON—Five-inch pot plants.....	.50
BUXUS SEMPERVIRENS — Evergreen Boxwood for hedges. Per doz.....	1.50	Balled plants	1.50
Per 100	10.00	HIBISCUS PEACHBLOW—Beautiful rose-colored flowers with shadings of salmon.....	1.50
CALLISTEMON LANCEOLATUS—Rich crimson flowers	1.00	HIBISCUS SINGLE BUFF WITH CRIMSON EYE—Extra choice	1.50
CALLISTEMON LINEARIS—Bright scarlet flowers.....	1.00	HIBISCUS SINGLE YELLOW WITH CRIMSON EYE—A handsome shade of pure yellow.....	1.50
CALLISTEMON SALIGNUS—With handsome willow-like foliage	1.00	HYDRANGEA ARBORESCENS GRANDIFLORA — Bears numerous heads of snow-white flowers. Strong four-inch pot plants.....	.50
CALLISTEMON SPECIOSUS—Heavy foliage and bright scarlet flowers	1.00	HYPERICUM ELATUM — Bears masses of beautiful golden yellow flowers. Balled plants.....	1.00
CALLISTEMON COCCINEA—Bright red flowers.....	1.00	HYPERICUM MOSERIANUM—A handsome sort with bright golden yellow flowers, two to three inches across	1.00
CARPINTERIA CALIFORNICA—One of the finest of our native shrubs with handsome white flowers.....	1.00	HYPERICUM PATULUM var. HENRYII—A recently introduced Hypericum with handsome golden yellow flowers	1.50
CARISSA CARANDAS — With handsome foliage and jasmine-like scented blooms. Balled plants.....	1.00	HYPERICUM TRICOLOR MOSERIANUM — A handsome dwarf variegated form. Flowers bright yellow	1.00
CEANOTHUS AZUREUS — Covered in Spring with spikes of pale blue flowers. Balled plants.....	1.00	JACARANDA MIMOSAEFOLIA—Bears masses of dark blue flowers. Elegant fern-like foliage. One of the handsomest of all ornamental trees. Plants four to five feet high.....	1.00
CESTRUM AURANTIACUM—Bears large umbels of deep orange-colored flowers. Balled plants.....	1.00	LAURESTINUS — A desirable hedge plant. Bears masses of white flowers. Pot plants.....	.35
CHAMAECERASUS NITIDA—A splendid hedge plant from China. Five-inch pot plants.....	.50	Balled plants	1.00
COPROSMA BAUERII—Splendid for covering banks. Color deep lustrous green. Strong balled plants.....	1.00	LAGUNARIA PATTERSONII—A handsome tree bearing Abutilon-like blooms, delicate pink in color. Five-inch pot plants.....	.75
COTONEASTER ANGUSTIFOLIA — Bears masses of golden yellow berries. Five-inch pot plants.....	.50	LAGERSTROMIA INDICA (CRAPE MYRTLE)—Covered with handsome racemes of beautiful pink flowers during Summer. Plants according to size from \$1.00 to \$1.50.	
Large balled plants.....	1.50	LAGERSTROMIA CRIMSON—Similar to the preceding with deep rosy crimson flowers. Four to five feet high	1.50
COTONEASTER BUXIFOLIA—A splendid cover plant for banks. Small dark green foliage. Balled plants	1.50	LAGERSTROMIA WHITE—A pure white variety.....	1.00
COTONEASTER PANNOSA — Covered during Winter with bright vermilion berries. Excellent for shrubbery borders. Balled plants.....	1.50	LEPSTOSPERMUM LEVIGIATUM — Densely foliaged weeping branches. Covered with minute white flowers during Spring.....	1.00
CRATAEGUS PYRACANTHA—Bears dense masses of beautiful scarlet flowers	1.00	MAGNOLIA GRANDIFLORA — Immense pure white flowers. Very fragrant. Five-inch pot plants.....	.75
CRATAEGUS YUNNANENSIS — A new variety from China with handsome crimson berries. Small plants .....	.35	MAHONIA AQUIFOLIA—A splendid ornamental foliage plant, with yellow blossoms. Balled plants.....	1.50
Balled plants	1.50	MAHONIA FORTUNEI — With elegant narrow, green foliage and exquisite yellow flowers. Balled plants	1.50
ERICA MEDITERRANEA—A dainty heather. Blossoms rose color. Pot plants.....	.50		
Balled plants	1.00		
ERYTHRINA CRISTA-GALLI—Bears large numbers of bright scarlet pea-shaped flowers. Five-inch pot plants .....	.75		

	Each
MELALEUCA HYPERICIFOLIA—Of the Bottle Brush family. Flowers brilliant scarlet. Five-inch pot plants .....	.75
MYRTUS COMMUNIS—(Myrtle). A handsome, hardy, evergreen plant. Bears masses of pure white, fragrant flowers	1.00
MYRTUS COMMUNIS MICROPHYLLA—A handsome small leaved form.....	1.00
NANDINA DOMESTICA—An elegant, dwarf, Japanese shrub. Leaves copper colored during Autumn and Winter	1.00
OLEANDERS—Assorted colors, double and single. Five-inch pots .....	.50
Balled plants	1.50
PHILADELPHUS BOUQUET BLANC—(New). Magnificent double white flowers.....	1.00
PHILADELPHUS COUQUETE—(New). Large flowered white variety	1.00
PHILADELPHUS PURPUREA MACULATUS — Pure white with rosy purple spots.....	1.00
PHILADELPHUS ROSACE—Handsome double white flowers	1.00
PHILADELPHUS VIRGINAL — A superb snow-white variety	1.00
PITTIOSPORUM CRASSIFOLIUM — Handsome, thick, leathery foliage. A splendid shrub. Balled plants.....	1.00
PITTIOSPORUM EUGENOIDES — Bears quantity of fragrant greenish-white flowers.....	1.00
PITTIOSPORUM UNDULATUM — With very distinct and handsome foliage.....	1.50
PLATANUS OCCIDENTALIS—One of the grandest of all shade trees. Commonly known as the Western Sycamore. Strong trees, 6 to 7 feet high.....	1.50
POINSETTIA (SINGLE SCARLET)—The well-known and universally admired Christmas flower. Strong box plants	1.00
LIGUSTRUM NEPALENSE — (Privet). An excellent hedge plant bearing numerous spikes of fragrant white flowers. Young plants for lining out.....	.10
Per doz. ....	.75
Per 100	6.00
Larger specimens, prices on application.	
PRUNUS ILLICIFOLIA—The native, evergreen wild plum. A very satisfactory shrub for California gardens. Three-inch pots.....	.35
Six-inch pots .....	.75
PRUNUS ILLICIFOLIA var. INTEGRIFOLIA—The Catalina Island type of the foregoing, with large glossy green foliage. Strong pot plants.....	.50
Larger size	1.00
PRUNUS PISSARDII — An ornamental foliage plum. Foliage dark bronze. Four to five feet, bushy.....	1.50
POMEGRANATE ANDRE LEROY — An ornamental flowering Pomegranate producing large, double orange-colored blossoms. Strong field-grown stock.....	1.50
QUERCUS AGRIFOLIA (NATIVE LIVE OAK)—One of the handsomest of our native trees. Pot plants.....	.50
Larger size	1.00
QUERCUS SUBER—The famous cork oak of Southern Europe. Six-inch pot plants.....	.75
Field specimens up to	5.00
SERISSA FOETIDA—A handsome variegated shrub. Bears immense quantities of small white flowers. Five-inch pot plants.....	.50
Balled plants from field.....	1.50
STERCULIA DIVERSIFOLIA—One of the best of all street trees. Clean and bright at all times. 5 ft. high	1.00
7 ft. high.....	1.50
SCHINUS MOLLE—The well-known California Pepper Tree. Strong plants in pots, 3 ft. high.....	.50
4 to 5 ft. high.....	.75
VIBURNUM NITIDUM — An elegant shrub with fine glossy green foliage and white flowers. Balled plants	1.50
VERONICA ANDERSONII — A handsome shrub with olive-like leaves and spikes of pale blue flowers.....	1.00
VERONICA CUPRESSOIDES—A handsome variety with Cypress-like leaves	1.00
VERONICA GLAUCOPHYLLA—A fine dwarf variety with blue leaves and white flowers.....	1.00
VERONICA LOBELOIDES—Large spikes of pure blue flowers	1.00
VERONICA IMPERIALIS—With crimson-carmine flowers. Extra fine.....	1.00
VERONICA MICROPHYLLA—A dainty foliage variety. Flowers pure white.....	1.00
VERONICA SALICIFOLIA—Bears numerous quantities of pure white flowers.....	1.00
VERONICA TRAVERSI—A densely foliated variety.....	1.00
VERONICA VARIEGATA—Foliage dark green, beautifully margined with white.....	1.00
NOTE—We can supply small plants of all of the above Veronicas at proportionately reduced prices.	

	Each
WEIGELIA CANDIDA—A handsome pure white flowering shrub	1.00
WEIGELIA EVA RATHKE — A continuous bloomer with deep, rich carmine flowers.....	1.00
WEIGELIA HORTENSIS—Flowers pure white, extra large	1.00

Choice Conifers

ARAUCARIA BIDWILLII—One of the handsomest of the Pine family. All sizes, priced according to height. Per ft.....	\$ 1.50
CEDRUS DEODARA—A magnificent Cedar, native of the Western Himalayas. All sizes, from \$1.00 each for small plants up to \$35.00 each for specimen.	
CRYPTOMERIA ELEGANS—A native of Japan, and a handsome ornamental tree. Pot plants.....	.50
Balled plants	1.50
CUPRESSUS ARIZONICA—The blue pyramidal Arizona Cypress. Pot plants.....	.50
Balled plants from \$2.00 to.....	10.00
CUPRESSUS ITALIAN—The tall, slender-growing Cypress, indispensable in formal gardening. Pot plants from 50c to.....	1.50
Balled plants from \$2.00 to.....	3.50
LIBROCEDRUS DECURRENS—One of the handsomest of our native California plants. Foliage dark rich green in color. Plants two to three feet high.....	1.00
Specimen sizes up to	15.00
PINUS HALAPENSIS—A splendid pine for dry hill planting. Height fifty to sixty feet. Pot plants.....	.50
Strong balled stock, 5 to 6 ft. high.....	3.50
SEQUIA GIGANTEA—The giant Redwood, native of Northern California. According to size, \$1.00 to.....	10.00
SEQUIA SEMPERVIRENS — The coastal evergreen Redwood of California. According to size \$2.00 to.....	10.00
NOTE—In addition to the various conifers above mentioned we have a fine collection of the different ornamental varieties of Firs, Junipers, Pines, etc., both in large and small sizes.	

Palms

We grow immense quantities of all of the best varieties. Our stock of Kentias, Cocos, etc., run into the thousands

	Each
CHAMAEROPS EXCELSA—The windmill Palm. Very hardy. Handsome fan-shaped leaves. Strong boxed specimens	\$ 2.50
COCOS PLUMOSUS—One of the most graceful of all Palms, with handsome ostrich plume-like fronds. Three to four feet.....	2.00
Five to six feet.....	2.50
Larger sizes, prices on application.	
COCOS AUSTRALIS—A magnificent hardy Palm with bluish-green foliage, gracefully reflexed. According to size from \$1.50 up to.....	15.00
KENTIA BALMOREANA — A handsome house Palm. Leaves gracefully arched. Four-inch pots.....	1.50
Also a full stock of larger sizes, prices on application.	
KENTIA FOSTERIANA—Similar to the preceding but with erect stems and wider pinnae. Four-inch pots	1.50
Larger sizes, prices on application.	
PHOENIX CANARIENSIS—The so-called Date Palm. According to size from \$1.50 up to.....	7.50
PHOENIX ROBININI—One of the handsomest of all Palms for interior decorations. A miniature Date Palm. Fine specimens.....	3.50
Larger specimens	5.00

Ornamental Grasses

ARUNDO DONAX VARIEGATA — The giant striped Reed, not unlike Bamboo. Broad foliage, green banded with white. Strong divisions.....	\$.75
BAMBOO DENDROCALAMUS LATIFOLIUS—An erect stemmed giant Bamboo. Canes four inches in diameter, reaching a height of forty feet. Strong divisions	2.50
Extra large divisions	5.00
BAMBOO SIMONII — Leaves handsomely variegated green and white.....	1.50
BAMBOO AUREA VARIEGATA—Grows some ten feet high. Stems beautifully variegated green and yellow. Strong divisions.....	1.50
CAREX JAPONICA—A dainty hardy grass from Japan. Fine for basket work.....	.25
Per doz.	2.00

	Each
CYPERUS ALTERNIFOLIUS (UMBRELLA GRASS)—Highly ornamental for growing in water. Handsome for interior decoration.....	.35
CYPERUS ALTERNIFOLIUS LAXUS — A miniature form of preceding. Very graceful.....	.35
ERIANTHUS RAVENNAE — A densely tufted grass with handsome plumes. Attains a height of five to six feet.....	.50
EULALIA UNIVITTATA — Graceful, rush-like foliage with feathery heads .....	.50
EULALIA SINENSIS—Similar to the preceding but with wider leaves .....	.50
FESTUCA GLAUCA—A dainty dwarf grass, foliage of a bluish cast. Fine for hedges.....	.20
Per doz.	2.00
GYNERIUM ARGENTEUM — (Pampas Grass). The well-known Pampas Grass of South America. Bears beautiful silvery white plumes. Strong clumps.....	1.00
PANICUM VARIEGATUM — A dwarf creeping grass with handsome variegated green and white foliage. Excellent for hanging baskets.....	.25
Per doz.	2.50
PAPYRUS ANTIQUORUM—The well-known Egyptian paper plant. A moisture loving species; does well in ponds, etc. Strong divisions.....	.50
PENNISETUM CUPREUM — An elegant form of the well-known crimson fountain grass. Very handsome. Strong divisions.....	.35
Per doz.	3.50
PENNISETUM JAPONICUM — With narrow bluish-green foliage. Spikes of inflorescence, a delicate shade of pink. Strong divisions.....	.35
Per doz.	3.50

Choice Ferns

	Each
ADIATUM O'BRIENII — An exquisite hardy specimen for outdoor planting. One of the finest of the Maiden Hairs. Strong pot plants.....	.50
Per doz.	2.50
ALSOPHILA AUSTRALIS—A rapid growing tree fern, fronds lace-like in appearance. Plants reach a diameter of ten feet and over. Fine balled plants....	2.50
NEPHROLEPIS BOSTONII — The well-known Boston fern, and one of the best of all for indoor work. Fine plants in pots from \$1.00 to \$3.50, according to size.	
NEPHROLEPIS EXALTATA—The old-fashioned sword fern, suitable for planting in shady rockeries, ferneries, etc., 50c to \$1.50 each, according to size.	
NEPHROLEPIS MARSHALLII—A beautiful sword fern, the pinnae quite fine, the whole plant lace-like in form. Splendid for indoor decoration. Strong plants in five-inch pots.....	1.00
NEPHROLEPIS NORWOOD—A new dwarf variety of the ostrich plume type. Exceedingly graceful. Strong plants in five-inch pots.....	1.25
WHITMANII—One of the most popular of the ostrich plume type of ferns. A sport from the well-known Boston. Splendid specimens from \$1.25 to \$5.00, according to size.	
PTERIS CRÉTICA ALBA LINEATA—A handsome variegated hardy fern. Strong pot plants.....	.35
Per doz.	3.50
PTERIS TREMULA—The well-known Irish brake fern. Attains a height of three to four feet and over.....	.50
Per doz.	5.00
NOTE—In addition to the varieties above described we have in stock and can supply many other of the various species of Adiantum, Woodwardias, etc. Varieties and prices on application.	

Landscape Development in the Southwest

Few people realize that fifty years ago the Southwest was little more than a barren waste, with here and there a few native oaks and sycamores outlining the water courses; today the scene is vastly changed — an unbroken mass of luxuriant vegetation now greets the eye, comprising an endless variety of economic and ornamental plants from all parts of the earth, all of which is due to the handiwork of man. Until recently there has been comparatively little judgment displayed in securing good landscape effects, which was in large measure due to an era of experiment. The pioneers settled here primarily to earn a livelihood, and it was a natural sequence to their efforts that attention be directed to the propagation of plants for economic purposes rather than artistic embellishment. They demonstrated that Southern California possesses an ideal climate and a fertile soil of great productivity, the result being that today this section is recognized for its beautiful parks and gardens, boulevards and home grounds. With all that has been accomplished we are just awakening to the greater possibilities of the future. The construction of boulevards and electric transportation, extending from the mountains to the sea, has reclaimed remote and hitherto inaccessible districts, making them desirable locations for the creation of homes and grounds. No place offers greater landscape possibilities than California, and there is no place where it is more important that every move be made intelligently — for whatever is done should give harmonious and natural effects.

With but few exceptions (speaking principally of the outlying sections) the most desirable lands available for landscape development are barren, rolling or rugged hillsides, with little or no natural vegetation to add to their charm; hence it is of vital importance that their treatment be carefully considered. Landscaping in its perfect form is an art, and its intelligent application involves a thorough knowledge of the subject. The contour of the land, the character of the soil, the source and utilization of water for sprinkling and irrigation systems, the style of residence and its proper setting, the drives and walks, grading, the use of shrubbery most adaptable — should be in consonance with fully prepared plans and specifications. This attention to detail is that which spells the difference between happy fruition and keen disappointment.

Working in conjunction with our nursery operations ours has been a life-long experience in the landscape development of the Southwest, and covers every branch of landscape architecture, ranging from the city lot to the large estate, and from formal gardens to the reforestation of mountain sides. Every nook and corner of Southern California is known to us, including the locations of the most desirable building sites available. We are familiar with the soil, climatic conditions, and all essential features necessary to intelligent landscape work, consequently we can render valuable service to the prospective investor

Our Landscape Department invites inquiries and hopes to place its knowledge at your command.



A Bed of Our Reselected
"Crego" Asters as
grown for seed at Montebello

THE ENGRAVING noted above conveys a good impression of the perfection we have attained in the cultivation of Asters. The seed we offer has been carefully hand picked from selected blooms, and is bound to produce the highest possible results. See pages 44 and 50 of this bulletin for descriptive matter.